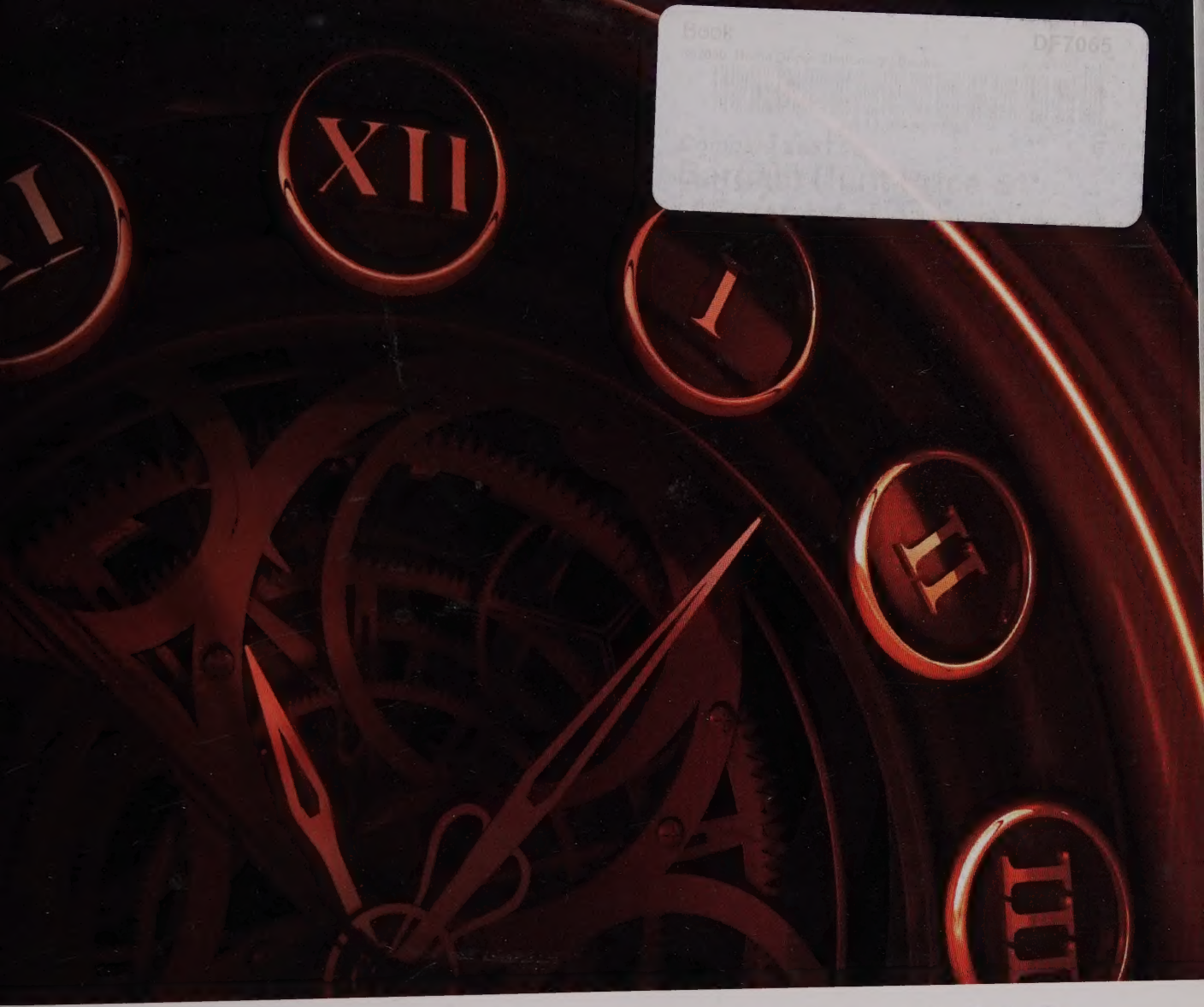

Norwich University, 1819-1911; her history, her graduates, her roll of honor

Ellis, William Arba, b. 1869, comp. and ed, Grenville Mellen Dodge

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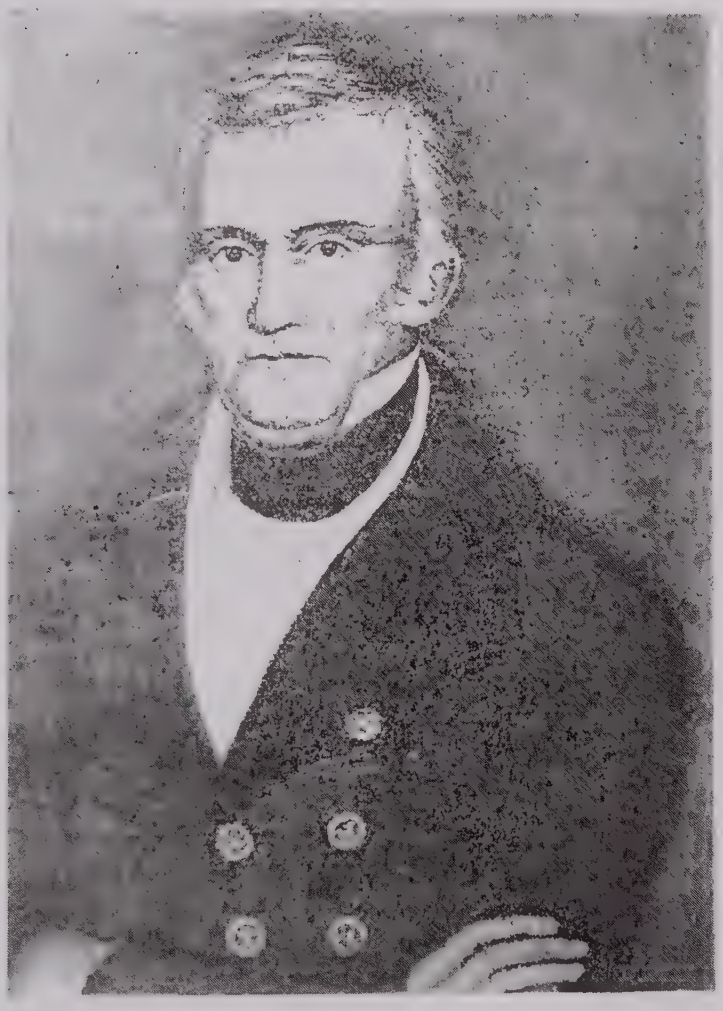
"To the silver-headed veteran
Who slumbers calm and low,
West Pointers join the chorus
From the everglades and snow,

We'll crown with brighter memories
As onward still we go,
Our stern old founder's cognomen
In the Old South Barracks, oh!"

—*Kent*



CAPTAIN ALDEN PARTRIDGE, U. S. A.
Founder of Norwich University.

Norwich University

1819-1911

Her History, Her Graduates, Her Roll of Honor

Published by
MAJOR-GENERAL GRENVILLE M DODGE, C E, A. M., LL.D.

Compiled and Edited by
WILLIAM ARBA ELLIS, B S, A M

IN THREE VOLUMES

VOL. 1.

GENERAL HISTORY, 1819—1911.

Montpelier, Vt
THE CAPITAL CITY PRESS
1911

Copyright, 1911

By Grenville M. Dodge and William A. Ellis

TO CAPTAIN ALDEN PARTRIDGE, U S. A ,

Distinguished Soldier and Educator,

THE FOUNDER OF THE AMERICAN LITERARY, SCIENTIFIC AND MILITARY ACADEMY AND ITS SUCCESSOR, NORWICH UNIVERSITY, WHO UNSELFISHLY DEVOTED HIS LIFE AND ENERGIES TO THE CAUSE OF MILITARY AND SCIENTIFIC EDUCATION AND THE DEVELOPMENT OF A CITIZEN-SOLDIERY,

THIS VOLUME IS RESPECTFULLY DEDICATED.

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AUTHOR'S INTRODUCTION

This work is a continuation of the History of the University, published in 1898 by Mr. W. A Ellis of the class of 1897 The first work was begun in 1894, when he was elected alumni editor of the *Reveille* From 1898, until 1907, he collected material on the alumni and past cadets and on the general history of the University, and in 1907, he undertook to publish a supplementary volume Not receiving sufficient financial support to guarantee the publication, the work was temporarily abandoned. In December, 1908, Gen G M Dodge of the class of 1851, became interested in the work and made arrangements with Mr Ellis to complete the history On January 1, 1909, the work of compiling the history was actively begun The printing was begun in December, 1910 and completed in November, 1911

It was at first planned to publish the general history of the University, and the sketches of the cadets from 1820 to date, omitted from the first edition, and issue the work in one volume But as the work progressed, it became necessary to revise the sketches appearing in the first volume and issue the work in two volumes—Volume I to contain the sketches of the cadets from 1820 to 1866 and Volume II from 1867 to date As the compilation was continued, it became evident, owing to the great mass of material collected, that it would be impossible to publish the work in two volumes So the plan of publication was again changed to issue the work in three volumes, in its present form Volume I, being the general history of the University, Volume II, sketches of alumni and past cadets, 1820-66, Volume III, sketches of alumni, past cadets and under-graduates, 1866-1915 The data collected in compiling this work will be placed in the University library for preservation

A systematic canvass of the alumni, past cadets, and friends of the University has been made in the effort to make the work complete Fully 50,000 letters have been written, and so far as possible, all the data received has been carefully verified It is earnestly desired that all persons noting errors or omissions in the History will send the corrections to the Historian Only those who have engaged in genealogical research, can appreciate the immense amount of work in tracing the cadets, many of whom were born over one hundred years ago An effort was made to secure cuts of all the graduates and the past cadets of two years attendance at the University, and it is with regret, that it was found impossible to carry out the plan In many cases portraits of the cadets have not been preserved and in many others, the absence of the cuts, is explained by the indifference of the descendents and relatives of the old students

During 1844-53, a military school was conducted in Norwich, by Captain Partridge and his cadets, so far as known, are included in this work During 1861-63, fully one hundred men studied Military Drill and Tactics at the University and [illegible] the University authorities did not keep a roster

of these men The names of the men in the old catalogues were not always given in full, and in many cases the catalogues gave different initials for the same men An immense amount of time has been spent in verifying these names Trips have been made to Norwich, Vt , Middletown, Conn , and other towns and data collected from the old residents in regard to the Institution Newspaper files for the years 1820-66, have been consulted in the State Library in Montpelier and in Middletown, Conn , for data

The Historian and Publisher are under deep obligations to many persons for assistance in collecting data for this history Much valuable data has been received from the historical notes on the University preserved by William G Brooks, 24, Edwin F Johnson, '25, Joseph D Allen,'25, George M Totten, '26, Hon Gideon Welles, '26, Gen George W Balloch, '47, Col Henry O Kent, '54, Capt Charles A Curtis, U S A , '61, Maj Henry E Alvord, '63, and Prof John B Johnson, '79

Mr William R Cutter, '68, for many years, librarian of the Woburn (Mass) Public Library has given the Historian much valuable advice and assistance in compiling the history Acknowledgement for articles furnished for the work is as follows Rev Homer White, trustee of the University for his "Heroes of N U ", Vol I, page 550 poems by Col H O Kent, '54, Vol I, Chapter XI, Charles N Kent, '64 and Howard F Hill, '67, account of the service of the corps of cadets at Newport, Vt , in October, 1864, Vol. I, pages 416-421, Rear-Admiral George P Colvocoresses, U S N , '66, *The Battle of Manila Bay*, Vol I, pages 427-438; J Albert Holmes, '95, *History of the Theta Chi Fraternity*, Vol I, page 488, Myron R Hurlbut,'67, George D Thomas, '76, Roy L. Andrews, '09, and Prof Carl V Woodbury for poems in Chapter XI, Vol I

Captain H V Partridge of Norwich, Vt , son of Captain Alden Partridge, U S A , founder of "N U ", has given much assistance in the work in consulting data preserved by his father and in tracing the old cadets, Congressman Frank Plumley, of Northfield, trustee of the University, has been untiring in his assistance to make the work complete Col Heman W Allen of Burlington, generously furnished the cuts of Col F V Randall, Col W D Munson '54, and Pomeroy Loomis, '56 Mr William O Hart of New Orleans, treasurer of the Louisiana State Historical Society, has given much assistance in tracing cadets from that State, Mr J L Gillis, librarian of the California State Library, has rendered much assistance in tracing cadets, early settlers, in that State, Frank F Starr, the distinguished genealogist of Middletown, Conn , in tracing cadets from that State Prof Charles Dole, '69, vice-president of the University, has carefully read the proof of the general history of the University, 1866-1911. Prof Edward S Holden, librarian of the United States Military Academy, West Point and Prof A N Brown, librarian of the United States Naval Academy, Annapolis, have given valuable aid in tracing the cadets, who later graduated from the National Academies Brig -General Fred C Ainsworth, U S A , chief of the Record and Pension Office, Washington, D C , has rendered valuable assistance in tracing cadets, who served in the volunteer and regular armies Prof J G de Roulhac Hamilton of the Department of History, University of North Carolina, has assisted in tracing cadets from that State and the South.

Acknowledgement is due Harper & Bros , for the permission of copying the cuts of the battle of Manila Bay, and the map of the harbor of Manila,

appearing in the *Harper's Weekly*. James Drummond Ball of Boston kindly furnished the engraving of his famous painting of the battle of Gettysburg for the cut on page 406, Vol I

Others who have assisted in the work are Gen Elliott T Dill, adjutant-general of Maine, Rev J L Sherwood, D D, Keene, N H, Rev Howard F Hill, D D, Concord, N H, Henry Child, historian, Cornish, N H; Miss Edith S Freeman, librarian, New Hampshire State Historical Society, Arthur M Chase, State librarian, Concord, N H, Gen Harry B Cilley, adjutant-general of New Hampshire, Mrs Mary S. Ide, librarian, Fiske Free Library, Claremont, N H, Hon Samuel E Pingree, Hartford, Vt, Charles E Allen, Burlington, Vt, Col Kittredge Haskins and Mrs Charles Akeley, Brattleboro, Vt; Gen L G Kingsley, '56, Rutland, Vt, Mrs O O Jaquith, librarian of the Norman Williams Library, Woodstock, Vt, Mr J K Egerton, Northfield, Vt, Solon F Fiary, '38, Strafford, Vt, P S. Howes, '96 of Montpelier, Mrs Ora A George Flint, Worcester, Mass, Gen William N Brigham, adjutant-general of Massachusetts, Prof William James, librarian of Wesleyan University and Miss Laura F Philbrook, librarian of the Russell Library, Middletown, Conn, Charles Collard Adams, Cromwell, Conn, Francis B Trowbridge and Dr G Totten McMaster, New Haven, Conn, Gen W B Landus, adjutant-general of Connecticut, Frederick B Richards, Glens Falls, N Y, John B Ireland, New York city, Edward McC Peters, '80, Brooklyn, N Y, Gen W W H Davis, '42, Doylestown, Pa, Thomas B Donaldson, secretary and treasurer of the University of Pennsylvania Alumni Association, Philadelphia, Pa, W A Clark, Columbia, S C, Mr A C Moore, secretary of the University of South Carolina Alumni Association, Columbia, S. C., W. C. Benton, Middleburg, Va, Judge Henry C Connor, Wilson, N C, Prof R D W Connor, Raleigh, N C, Dr K P Battle, Chapel Hill, N C., Judge Henry R Bryan, Newbern, N C, Miles O Sherrill, State librarian, Raleigh, N C, Louis A Clark, St Mary's Ga, Charles S. Wylly, Brunswick, Ga, Prof Thomas M Owen, director of the State Department of Archives and History, Montgomery, Ala, Hon O H Leland, '54, McGregor, Texas; Texas State Historical Society, Hon A W Wills, postmaster, Nashville, Tenn, Otis S Tenney, '45, Lexington Ky; Hon Whittlesey Adams, Warren, Ohio; G A Hyde, Cleveland, Ohio, Michigan State Historical Society, Illinois State Historical Society, Gen George W McCoy, adjutant-general of Illinois, Mr Reuben G. Thwaites, secretary of the Wisconsin State Historical Society, Madison, Wis, Gen C R Boardman, adjutant-general of Wisconsin, D J Whittemore, chief engineer of the Chicago, Milwaukee & St Paul R R., Milwaukee, Wis, The Historical Department of the State of Iowa, Gen William H Thrift, adjutant-general of Iowa, Gen S M Preston, '45, Seattle, Wash

The Historian especially acknowledges the faithful and efficient services of his assistants in the work Miss C Kate Story, Miss Dotie Potter, Miss Hazel M Holt, and Miss Clara F Williams.

The following papers have generously advertised for cadets: The Burlington, (Vt) *Free Press*, *The United Opinion*, Bradford, Vt, Fayetteville, (N C) *Daily Observer*, Richmond, (Va) *Dispatch and Times*, New Orleans, (La) *Picayune*, Mobile (Ala) *Register*, Essex (N Y) *Record*, Superior, (Wis) *Telegram*, *The Evening Star*, Plattsburg, N Y, Fort Edward, (N. Y) *Advertiser*, Utica (N. Y.) *Daily Press*, Boston (Mass.) *Transcript*

Randolph (Vt) *Herald*, St Albans (Vt) *Messenger*; Waltham (Mass) *Evening News*, the Northfield (Vt) *News*, the *Reveille*.

This work is presented to the alumni and past cadets with the hope that it will further increase their loyalty to their Alma Mater, and to the public with the desire that the reading of the conspicuous services of the alumni and past cadets of the University in the various wars of our country and in the many activities of life, will re-awaken an interest in the Old Institution, founded by Capt Alden Partridge for the training of a Citizen-Soldiery and for technical education.

WILLIAM A ELLIS.

NORTHFIELD, VT , October 14, 1911.

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CHAPTER I.

The American Literary, Scientific and Military Academy, 1819–1834

The Academy Founded—Notes on Captain Partridge's Work Erection of the First Building—Supplementary Announcement of the Academy—Account of the Enrollment—Faculty—Courses of Study—Military Lectures—Text Books Used—Military Organization of the Corps—Uniforms—Equipment—Marches—Vacations—Expenses—"The Commons"—Athletics—Societies, the Polemic and the Franklin—Oratorical Contests and Prizes—Cadet Band—Deaths of Cadets—Removal to Middletown—Opposition to Chartering of the Academy—Change of Management—The Preparatory School in Norwich—Return to Norwich—Account of the Association for the Promotion of Useful Education

The American Literary, Scientific and Military Academy, out of which grew the Norwich University, was founded by Capt Alden Partridge in Norwich, Vt, August 6, 1819

Capt Partridge was a graduate of the U S. Military Academy, class of 1806, and had served at the National Academy as assistant professor and professor of Mathematics 1806–1813, professor of Engineering 1813–1816, and Superintendent 1815–1817 He was engaged during a portion of 1817 and 1818 in giving instruction in military tactics to a volunteer corps and in delivering military lectures to a class of officers in New York

In the early part of 1819, he was employed as U S Government engineer in charge of the survey of the northeastern boundary under the fifth article of the treaty of Ghent In July of this year he resigned his position to carry into effect a plan of education that had occupied much of his attention since 1810

Capt Partridge was one of the best known officers of the Army and had met with marked success in his work at the Academy He had for some years advocated through his writings and lectures many reforms in the educational system of our country He was many years ahead of his time in his ideas of education and means of National Defense His lectures on these topics, delivered in the

twenties, if published at the present time, would be thoroughly up to date The following extract from his lecture on education, delivered in 1820, presents some of his views on the defects of the system of education in this country "The system of education adopted in the United States seems to me to be defective in many respects First It is not sufficiently practical, nor properly adapted to the various duties an American citizen may be called upon to discharge Second Another defect in the present system is the entire neglect in all our principal seminaries of physical education, or the cultivation and improvement of the physical powers of the student Third Another defect in our system is the amount of idle time allowed the student Fourth A fourth defect is the allowing to students of the wealthier class too much money, thereby inducing habits of extravagance and dissipation highly injurious to themselves and also to the Seminaries of which they are members Fifth Is the requiring all students to pursue the same course of study Sixth Is the prescribing the length of time for completing, as it is termed, the course of education By this means the good scholar is placed nearly on a level with the sluggard, for whatever may be his exertions, he can gain nothing with respect to time, and the latter has, in consequence of this, less stimulus for exertion"

He was opposed to the policy of maintaining a large standing army as he felt such an army would be a menace to the Republic He believed in a citizen-soldiery, and early advocated that the U S Government should thoroughly train the able-bodied citizens in the art of war

He suggested that the country be divided into thirty districts, that an officer with the rank of colonel of infantry be assigned as instructor of the militia in each district, that each brigade of militia be assembled at stated periods and receive practical instruction for six days, that each instructor visit the brigades in succession, that each officer receive a "reasonable allowance for his expenses while attending the instruction," and while going to and from the rendezvous

He adds: "By this means the country, in the course of a few years, would be furnished with a well-organized military force of at least one million men * * * * * * Let practical and scientific military instruction be a part of our system of education, and we shall become a nation of citizen soldiers, the need of a large standing army will be done away, in case of sedition or foreign in-

vasion a sufficient force will be ready to take the field, and when the emergency passes away the character of the soldier will be lost in that of the citizen Scarcely ever has a nation lost her liberties when her armies were composed of her own citizens, who fought for the preservation of their liberties and property.''

He saw that the National Academy would never be able to supply all the officers needed for both the regular army and the militia, hence, the necessity of an institution where the attendance would not be restricted. Then, too, he saw the necessity of a technical institution where the young men could be trained in engineering and be ready to assist in the development of the country There was a great demand for engineers The subject of canal construction and the improvement of the rivers for navigation was receiving the attention of the public Capt. Partridge saw clearly his opportunity for founding a civilian institution for the training of soldiers and engineers. and grasped it

In July, 1819, he returned to his old home at Norwich, Vermont Norwich at this time was one of the most important towns in eastern Vermont and contained many wealthy residents When Capt Partridge's plan was presented to the public, he received offers of money and land from various towns, provided he would locate the new institution within their borders The citizens of Norwich offered the site for the Academy and subscribed money to build a commodious barracks After careful deliberation, Capt Partridge concluded to locate the school in his home town He felt that the location in the country was better than in the city as his plan of discipline could be more easily carried out, and the opportunity of practical engineering field work among the hills of Vermont could not be excelled elsewhere

The contract for the erection of the first building was given to Joseph Emerson of Norwich On Friday, August 6, 1819, occurred the ceremony of laying the corner stone A large platform, on which were seated the invited guests, was erected before the foundation Rev James Woodward invoked the divine blessing for the success of the new school and then delivered an eloquent oration His text was taken from Psalm 127, Verse 1 "Except the Lord build the house, they labor in vain that build it Except the Lord keep the city, the watchman waketh but in vain'' The exercises were attended by several hundred people from Norwich, Hanover and the surrounding towns Several pieces

of money were placed under the two great corners. The building was completed the next summer. It was one of the largest educational buildings in the State It was constructed of brick and was four stories high, one hundred feet long, fifty feet wide, presenting a front of fifty-two windows The building was divided into forty-two rooms for the cadets, each 18 x 24 feet, two large recitation rooms, a lecture room and an armory The grounds, comprising about five acres of land, were surrounded by a high fence, and on each side of the gate at the main entrance was located a brick guard house.

A prospectus of the Academy was printed in various papers of the country in 1819 and 1820 We give below the announcement of "The Academy" published in the "Windsor Journal," Vermont, in 1820, which supplements a regular prospectus, giving details of the courses of study, expenses and the regulations The announcement also presents several of Capt Partridge's views on education and military training

Having recently issued a Prospectus containing a plan of the system of education which I propose adopting in the Literary, Scientific and Military Academy I am at present engaged in establishing, I deem it a duty which I owe the public to explain more fully my views in the establishing of this Seminary, and also of the principles on which it is to be conducted, than could well be done in a mere prospective notice In organizing the plan of education for this institution I have taken for my guide, in part, the constitution of the United States By the wise provisions of this instrument and the laws made on purpose thereof, the grand military defence of our favored country, both against external invasion and internal insurrection, is vested in the great mass of American Citizens, from eighteen to forty-five years of age These constitute the grand military force of the nation, a force whose feelings and interests are identified with those of the great body of the people, and which, while it forms an impregnable barrier around the constitution and liberties of the country, is in no respect dangerous to either. But in order that this constitutional force should answer the purpose for which it was originally instituted, it must be properly organized and duly instructed in the elements, at least, of military science and tactics Hence arises the necessity, in our country, of an extended system of military education, and of a general diffusion of military knowledge If these so necessary requisites be not attended to, if the great body of American citizens do not feel that they are something more than merely nominal soldiers, our population will gradually degenerate our militia, so emphatically styled the bulwark of our liberties and independence, will lose their military spirit, will decline and finally be destroyed, on their ruins will spring up the standing army, detached by feeling and by interest from the great mass of the people, and when this crisis arrives, it will not require the spirit of prophecy to predict our fate

from that of the most celebrated republic of antiquity The liberties of Rome were safe while military information was generally diffused and every Roman citizen considered and felt himself a soldier But, how fatal were the results when by the operations of a system organized by Caius Marius, the saviour and scourge of Rome, and matured by Julius Cæsar with a view doubtless to the accomplishment of his ultimate object, the final prostration of the liberties of the country Those noble and patriotic legions which had so often, in time of peril and danger, proved the shield of their country and the terror of its enemies, were transformed into mere mercenary bands, alienated from the country and identified in views and interests with their leaders alone But Rome, though the most striking, is not the only instance in which similar causes have produced like effects The republics of Greece furnish additional instances Can any one believe that if the Greeks in the age of Demosthenes had possessed the same spirit and organization which they did in the age of Themistocles and Aristides, or, if the soldiers who fought at Cheronea had been of the same stamp with those who fought at Marathon and Thermopylæ, they would have so tamely submitted their necks to the yoke of the Macedonian Conqueror? From an attentive consideration of these, as well as of many other similar instances which might be adduced, I am forced to the conclusion that in every republic the due cultivation of a proper military spirit amongst the great mass of the people and a general diffusion of military information are indispensably necessary for the preservation of liberty, and consequently that those republics which neglect these requisites, will eventually be driven to exchange their freedom for a form of government bordering at least on military despotism

In making these observations, however, I beg not to be misunderstood as recommending a system of education for our youth purely military, very far from this I mean nothing more than that the military should constitute an appendage to their civil education and thereby qualify them for the correct and efficient discharge of their duties as soldiers when their country may require their services in that capacity I have not attempted to prove the necessity of a competent military defence to every state which intends to maintain its independence free from the encroachments of surrounding nations; this necessity is too self evident, I presume, to be doubted by any rational person Should anyone, however, after a thorough and candid examination of the past history and present state of the world, be disposed seriously to question it, I would waive the task of endeavoring to convince him

Having thus freely expressed my ideas on the importance, in a national point of view, of a general diffusion of military information, I will proceed to notice more particularly some of the advantages arising from a due cultivation of military science applicable more especially to young gentlemen destined for a liberal education It is from this class of citizens that we are to look for a large portion of our Statesmen, Legislators, Historians and Travellers, and I ask, will not the statesman be much better qualified to estimate correctly the military strength and resources of his country, the legislators to frame laws on military affairs with a more perfect adaptation to the object in view, the historian to compile with greater judgment and more general utility his narration of battles and sieges, and the traveller to estimate with greater precision and correctness the real strength and military resources

of other nations and therefore return to his own country with a greater stock of useful information, when aided by a scientific military education, than could possibly be done without it

On this subject I believe there could be but one opinion, a systematic knowledge of fortification and of tactics so indispensably necessary for a full and correct understanding of history, a large portion of which is made up of descriptions of battles and sieges, and also in many cases, of common newspaper reading Without such knowledge the traveller would find himself much embarrassed were he to attempt the description of almost any of the principal cities on the continent of Europe, of which, generally speaking, the fortifications constitute the most important appendages A scientific military education I conceive then, may, without hesitation be pronounced as conferring many and important advantages abstracted from any connection with the military profession without the least possible disadvantages to counter-balance them Its importance when received in connection with the profession of arms is too evident to need any illustration The practical military exercises I should conceive of sufficient importance to warrant their introduction into Seminaries of learning generally, were they of no other use than to give to the students a good figure a manly and noble demeanour, and, what is of more importance, to render them healthy and vigorous It is a melancholy fact, that many of our most promising youths, by the time they have completed their course of education and are prepared to enter the grand theatre of action and useful life have so completely lost their health that even if they survive for a time, they are nevertheless rendered in a great measure useless to society.

This I conceive is in a great measure occasioned by the want of regular and healthy exercise and also from the habit that many students (particularly those that are the most studious) acquire of leaning over their tables to study

The "Academy" was opened for the reception of students, September 4, 1820 The first cadet enrolled was Cyril Pennock, of Hartford, Vt The attendance during September 4, 1820–August, 1821, numbered 100 and came from eleven states and one foreign country, as follows Vermont 60, New Hampshire 27, New York 3, Maine 2, Georgia 2, Michigan Territory 2, South Carolina 1, Louisiana 1, Ohio 1, Canada 1 The catalogue published in November, 1821, gives the attendance as 117, distributed as follows Vermont 54, New Hampshire 26, Massachusetts 11, New York 7, Maine 4, South Carolina 4, Connecticut 3, Michigan Territory 2, Georgia 2, Ohio 1, Louisiana 1, Pennsylvania 1, Canada 1 Among this list of cadets appear the names of the following naval officers Lieut Thomas W. Freelon, Assistant Surgeon James Norris and Lieut. Hiram Paulding. In November, 1822 the attendance had increased to 135, representing sixteen states The catalogue published August, 1823, gives the attendance as 158, twenty states being represented. The catalogue published August, 1824,

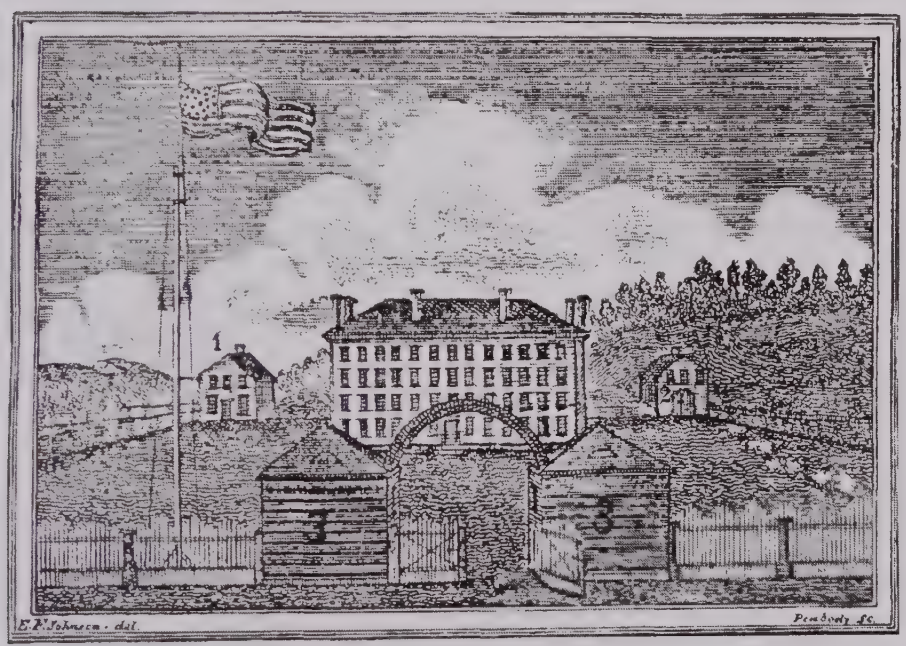
gives the attendance as 162, eighteen states and three foreign countries being represented. In the prospectus issued in 1825, announcing the removal of the "Academy" to Middletown, Conn., the attendance, up to the removal from Norwich in 1825, was 480 men.

From Maine,	28	From South Carolina,	45
Massachusetts,	89	Kentucky,	2
New Hampshire,	57	Georgia,	7
Vermont,	115	Ohio,	1
Connecticut,	33	Louisiana,	4
Rhode Island,	10	Mississippi,	5
New York,	40	Missouri,	1
Pennsylvania,	15	Michigan,	2
New Jersey,	6	District of Columbia,	2
Delaware,	2	Canada,	2
Maryland,	4	Havana, Cuba,	1
Virginia,	1	Island Scio, Greece,	1
North Carolina,	7		

We quote from the catalogue "Of the above number twenty are commissioned and warrant officers in the U S Navy, viz: four lieutenants, one assistant surgeon and fifteen midshipmen. Out of the whole, 441 have been engaged in the study of Mathematics and out of this number 145 have completed a full course of 'Hutton's Mathematics' Of these, eighty have, in addition, attended to practical Mathematics, fifty-six have continued their course through the study of Philosophy, and others are now fast progressing in the accomplishment of those higher branches also. The whole number who have studied the Greek and Latin Languages is about 150 Of these, twenty-five have advanced far towards completing a course, although none have gone entirely through Of those not included in the last mentioned number, many have fitted for college, or progressed still farther, and many are progressing What is here considered a course, is the same which is laid down in the prospectus, which could be scarcely completed in the period since the establishment of the institution The number of those who have attended to the French Language is about 130 Twenty have become well acquainted with the language—thirty are well advanced, and many of the remainder have made respectable progress About

ten or twelve of those who have been, or are now members of the institution, have devoted considerable time to the instruction of militia and volunteer corps in this and various other sections of the country, and many of them are still engaged in that useful employment."

The catalogue issued October, 1826, gives the attendance as 293. Twenty states and territories were represented, also five foreign countries, England, Canada, Greece, West Indies and Cuba. Of the above number 102 cadets came from the Southern States.



The A. L. S. & M. Academy in 1820.

The second catalogue, published in December, 1826, gives the attendance as 297. The catalogue published in August, 1827, gives the attendance as 252. The attendance from 1828 until the summer of 1829, when the "Academy" was suspended, is not definitely known. It is stated the attendance for that year averaged over three hundred cadets. The attendance, as given by the old catalogue, and additional names supplied by research, was 972. The attendance for the years 1829-35 is not definitely known. Major H. V. Morris, '36, who was a cadet from 1831-36, wrote in 1897 that "the corps of cadets was small and averaged about thirty to forty cadets each year." We give the estimated

attendance from 1828 to 1835 as 230, making the total attendance at the old "A L S & M. Academy" 1202.

The faculty the first year was composed of —Capt. Alden Partridge, A M, Superintendent and professor of Mathematics, Philosophy and Military Science, Rev Rufus William Bailey, A M, Chaplain and professor of Ethics, James Freeman Dana, M D, professor of Chemistry, George Perkins Marsh, A. B, professor of the Greek and Latin languages, Ebenezer Bancroft Williston, professor of the Latin and English languages, John Milton Partridge professor of Practical Geometry, Topography, and acting sword master, Hiram P Woodworth, assistant in Arithmetic.

In the fall of 1821 the faculty was increased to seven members Professor Marsh resigned in June, 1821, and Prof Ralph Metcalf was elected in his place Rev James W Woodward, A M, was placed in charge of the work in History and Geography. Cadets Daniel H Bingham, Calvin P Newton, Hiram P Woodworth and John M Mack were appointed tutors in Arithmetic and John Holbrook, assistant in Latin In 1822 the faculty was increased to eight members Prof Ralph Metcalf resigned the chair of Latin and the English languages Monsieur Francois Peyre-Ferry was elected to the professorship of French, and Signor F. Palioni, teacher of the Italian language. In 1823 W W Bailey was elected professor of Instrumental Music and Prof Nathaniel Sprague, professor of the Latin language The instruction in the Italian language was discontinued.

In August, 1824, Rev. Rufus W Bailey, Prof James F Dana and Prof. Nathaniel Sprague resigned Rev. James W Woodward, A M, became the Chaplain and professor of the Latin language, Ethics and Belles-Lettres Prof Joseph Barratt, a graduate of an English Medical College, became Surgeon and professor of Chemistry, Botany and Mineralogy Cadet Edwin F Johnson, instructor of Practical Geometry and Mathematics, Cadets H P Woodworth and J. D. Allen, instructors in Mathematics, Cadet Elisha Dunbar, instructor in Mathematics and Topography, Cadet V. B Horton, instructor in Latin and Cadet John Holbrook, instructor in Latin and English

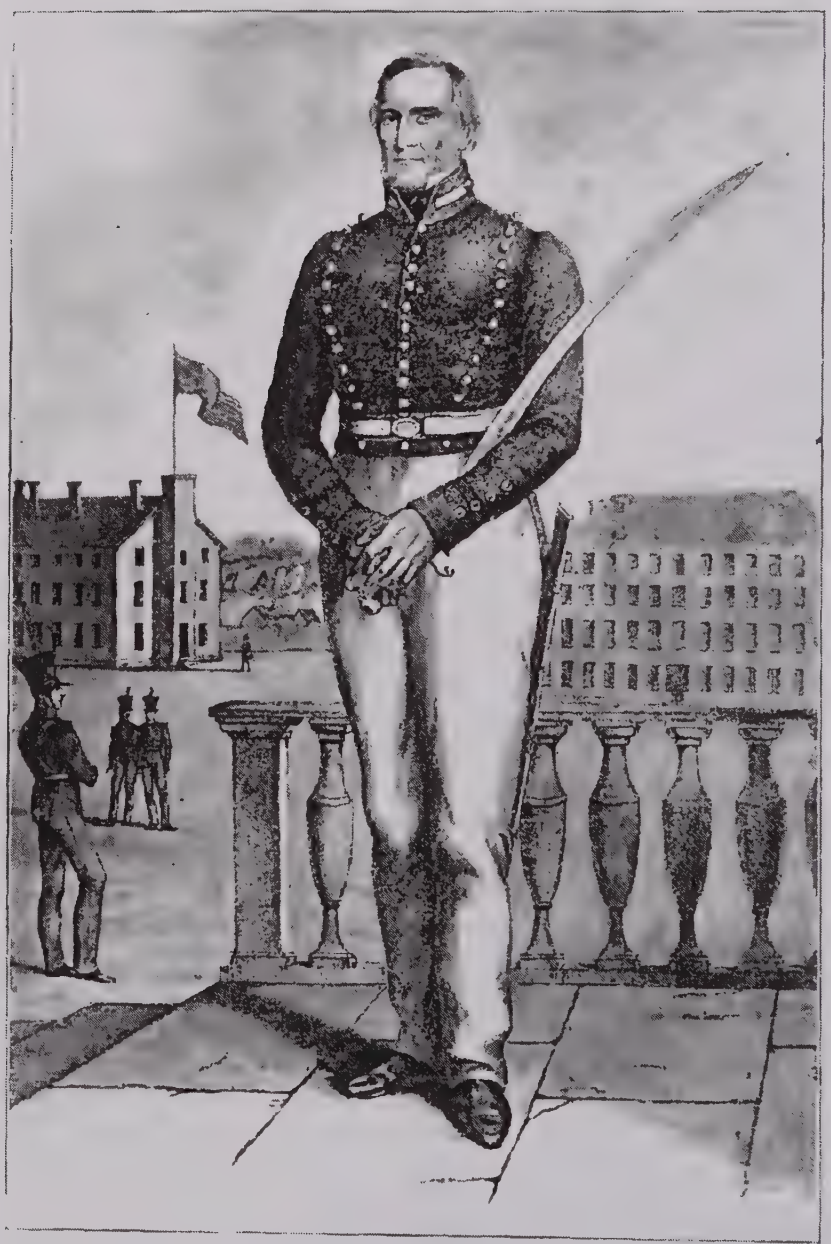
The membership of the faculty for 1825 is not fully known, but is said to have been practically the same as in 1826. Prof. Peter Proal, (q v) was professor of the Spanish language, 1825 until his death, April, 1826 The faculty in the fall of 1826 was composed of thirteen professors and eleven instructors

Capt. Alden Partridge, professor of Mathematics, Philosophy and Military Science, J. Barratt, M. D., Physician and professor of Chemistry, Botany and Mineralogy; J. R. Bowes, professor of Civil Engineering, Hiram P. Woodworth, '25, assistant professor of Natural Philosophy and instructor in Mathematics, E B Williston, A B, professor of Greek and Latin languages, John H. Lathrop, A B, professor of the English language and literature, Rev B Glover, A. B, professor of Logic and instructor in Latin and Greek, F P. Ferry, professor of the French language and Jose A. Pizzaro, professor of the Spanish language, Rev Walter Colton, A M, Chaplain and professor of Belles-Lettres, Rev B G Noble, A M, professor of Intellectual Philosophy and History, Elisha Dunbar, instructor in Mathematics and Navigation, E F Johnson, 25, instructor in Practical Mathematics and assistant professor of Philosophy; Valentine B Horton, '25, John Holbrook, '25, Truman B Ransom, '25, J McKay, '25, Cadets J. N. Palmer and Otto P Jennison, instructors in Arithmetic; T B Ransom, '25, instructor in Music, P Thomas, Swordmaster and instructor in Dancing, C. H Perry, '23, instructor in Penmanship, J. P. Hatch, '25, instructor in Bookkeeping and Cadet G. Barnard, instructor in English grammar

In 1827 the faculty numbered twenty and remained practically as in 1826 E F Johnson, '25, was advanced to the professorship of Practical Mathematics and Civil Engineering In 1828, there was a reorganization of the "Academy" Captain Partridge became its president, Valentine B Horton, '25, superintendent, and C H. Perry, '23, adjutant, E F. Johnson, '25, professor of Practical Mathematics and Civil Engineering; Benjamin M Tyler, '23, professor of Mathematics and Natural Philosophy, C H. Perry, '23, instructor of Mathematics, Profs Barratt and Colton held their former positions, V B Horton, '25, was professor of Moral Philosophy and Political Economy, Rev L Wright, professor of the Greek and Latin languages, A Rodriguez, professor of the French and Spanish languages E Stuyvesant, '28, instructor in Music, several cadets also served as instructors in Mathematics

The membership of the faculty for the years 1829–34 is not fully known Captain Partridge continued as president and Truman B Ransom was professor of Mathematics in 1831–32

The faculty of the "Academy" was an especially able one Prof. Rufus Bailey (q v) graduated from Dartmouth College in 1813 and was a successful Congregational preacher, Prof.



Captain Partridge, from an Engraving printed in the United States Military Magazine in 1840.

Dana graduated A B and A. M from Harvard College, Professor Marsh was a graduate of Dartmouth, class of 1820, afterwards becoming one of the most distinguished philologists of the world, and was also distinguished as a diplomat, Professor Williston had completed his junior year at Dartmouth, and later received the degree of A. B. from the University of Vermont. Professor Woodward was a graduate of Williams College, class of 1798, and a successful clergyman. Joseph M Partridge had been a cadet at the United States Military Academy during 1813–1817, and was one of the ablest swordsmen of his time

The cadet tutors were distinguished for their mathematical ability, and in after years became very successful in their chosen fields of work.

Professor Ferry was a graduate of a French University, and an able scholar and author, Prof. W. W. Bailey was an accomplished musician, Prof. Joseph Barratt was an authority in Botany, Geology and Mineralogy, John H. Lathrop (q. v) was a graduate of Yale College and became one of the best known educators of this country, Elisha Dunbar, '25, founded a military school in Orange, N J , in 1828, Professor Pizzaro (q v.) was a graduate of a Spanish University and had been Director of Education in Spain, Hiram P. Woodworth, '25, later became vice-president of the University, and a well known civil engineer in Illinois, Edwin F Johnson, '25, became one of the best known civil engineers of this country, V. B. Horton, '25, became a congressman from Ohio and a millionaire business man, John Holbrook gained distinction as president of Jefferson College Miss , Truman B Ransom, '25, became second president of Norwich University and lost his life while leading the "Old Ninth New England'' Regiment up the heights of Chapultepec in Mexico in 1847, E. B. Williston, '23, became an author of prominence, Rev. Walter Colton later served as chaplain, United States Navy, and became an author of prominence; Benjamin M Tyler, '23, was a successful teacher and author and later founded the first Normal School in this country

The course of study in the Languages and Literatures compares favorably with the courses given in the colleges of the time

In addition to a full engineering course, with practical work in the field, a course in Agriculture was also given So far as known this was the first institution to provide for instruction

in this last branch. We give the course from the first catalogue:—

"The course of education at this seminary will embrace the following branches of literature, science and practical instruction, viz the Latin, Greek, Hebrew, French and the English Languages Composition, Rhetoric, Logic, Elocution History, Geography, including the use of maps and globes, Ethics, Metaphysics the elements of Natural and Political Law, the Law of Nations, the Constitution of the United States and of the States severally, Military law the elements of Chemistry, Electricity and Optics Arithmetic, the construction and use of Logarithms, Bookkeeping, Algebra, Geometry, Plane and Spherical Trigonometry, Planometry, Sterometry, Mensuration of heights and distances by Trigonometry and also Geometrically, practical Geometry generally, including particularly, Surveying and Levelling, Conic Sections, the use of the Barometer, with its application to measuring the altitudes of mountains and other eminences· Mechanics, Hydrostatics, Hydraulics, Astronomy, Navigation, Civil Engineering, including the construction of roads, canals, locks and bridges: Architecture, Agriculture, Music"

The instruction in music, the French and Hebrew languages and Fencing was not a part of the regular work, but considered extras

Especial attention was from the first given to the study of music, both vocal and instrumental, and a large number of the cadets received instruction in this branch.

The military course included complete instructions on Permanent and Field Fortification, Field Engineering generally, the construction of Marine Batteries, Artillery Duty, the Principles of Gunnery, a complete course of Military Tactics, the attack and defense of fortified places, Castrametation, Fortification, the ancient modes of attacking and defending fortified places, the Ancient Tactics, particularly those of the Greeks and Romans with a description of the organization and discipline of the phalanx and legion, Fencing, Military Drawing, Topography. In addition to the foregoing, the students were regularly and correctly instructed in the elementary school of the soldier, of the company and battalion, they were taught the regular formation of military parades, the turning off, mounting and relieving guards and sentinels, the duties of the officers of the guard, officers of the day, and adjutants, the making out correctly the different

descriptions of military reports and all the duties incident to the field or garrison The military exercises and duties were so arranged as not to occupy any of the time that would otherwise be devoted to study, they were attended to at those hours of the day which were generally passed by students in idleness, or devoted to useless amusements, for which they were made a pleasing and healthful substitute Practical scientific operations were frequently attended to, which would conduce equally to health and improvement

Fencing early became one of the favorite athletic sports of the cadets and practically every cadet took the instruction Expert instructors were provided

We quote from the catalogue as follows under the head of

"MILITARY LECTURES"

"For the accommodation of gentlemen, (particularly of those holding commissions in the volunteer corps and militia) who may not wish to go through with a regular course of military studies and instruction and also for the purpose of diffusing military science more generally, Captain Partridge will deliver annually at the before-mentioned seminary, three courses of public lectures, the first course to commence on the second Monday in May, the second course on the second Monday in July, and the third course on the first Monday in October annually These lectures will embrace the following branches of military science and instruction, viz.'

"1st Permanent and field fortification, the construction of field works generally, and also marine batteries

"2d. The attack and defence of fortified places

"3d. The use of artillery, with a general exposition of the principles of gunnery

"4th Military Tactics

"5th Garrison and field service of troops, embracing particularly their police and rules for turning off, mounting and relieving guards and sentinels, and also for guard duty, likewise castrametation

"6th General rules for the attack and defence of a province or country embracing an exposition of the principles of base lines of operation

"7th Rules for the inspection and review of troops

"8th A summary of ancient fortification, and also of the ancient modes of attacking and defending fortified places

"9th A summary of the ancient tactics, particularly those of the Greeks and Romans

"10th A description of some of the most celebrated battles and sieges, both of ancient and modern times, for the purpose of practically illustrating the principles explained in the lectures In order to render the lectures on fortification perfectly intelligible, plans will be prepared, on which the several parts of a work will be clearly and distinctly exhibited

"Particular attention will be given to a full explanation of all the technical terms used in fortification, as well as in the other departments of military science A full course will comprise about twenty lectures, five to be delivered in each week until the course be finished The terms for attending a course will be ten dollars Gentlemen subscribing for two courses will be allowed ever after to attend gratis All those attending the lectures will be entitled, during the time of such attendance, to practical military instruction and also to the privilege of the reading room, without any additional charge"

The study of the Spanish language was begun in 1825 We quote from the catalogue "As to the knowledge of Spanish, it is daily becoming of the first consequence to the citizens of the United States Six independent republics have recently been established in South America From their geographical position and form of government, our commercial and political relations cannot fail of being an intimate, interesting and momentous character—all tending to render their language ultimately next in importance to our own" The text books used were Joss' Grammar, Telemanco, Robinson Crusoe, Newman's Dictionary

Much practical field work in engineering was given the cadets In 1823-24 a trigonometrical survey of Norwich and surrounding towns, comprising a territory of 150 square miles, was made The drafting of the survey was signed by Cadet William Parker. The work was very accurately carried out and received much commendation by competent engineers We give elsewhere a cut of the map. In 1825 and 1826 a similar survey was made of Middletown and surrounding country, comprising 400 square miles A very complete course in Botany and Mineralogy was given by Dr Barratt Special attention was given to instruction in Navigation

and Seamanship, and the course was so strong as to attract many Naval officers to the institution

A very complete course was given in Bookkeeping and Accounting and was designed to fit the cadet for practical business life

No specified time was required for completing the course. Each student was allowed to progress as rapidly as possible in his studies and when the course was completed a certificate of graduation was presented the student.

There were no formal graduating exercises as in the other colleges Examinations were held at stated periods. No student was received for a less period than one year The prospective student was required to be at least nine years of age and of good moral character, and be able to read and spell correctly and write a fairly legible hand. No student from another college or university was admitted unless honorably discharged from such institution The regular time for admission was at the close of the vacation in January and during the public examinations in May and August

A library was started soon after the opening of the "Academy" in 1820. John Holbrook served as librarian until 1828. In 1827 he published a catalogue of the books in a pamphlet of 28 pages.

The title page was as follows:

CATALOGUE OF BOOKS

IN THE

CADETS' LIBRARY

AT THE

AMERICAN LITERARY, SCIENTIFIC AND MILITARY ACADEMY.

FOOD FOR THE MIND.

Middletown, (Conn.)

Printed by E and H Clark

1827.

The pamphlet contains a brief history of the great libraries of the world and tables giving the number of books in a few of the largest libraries in Europe, public libraries and college libraries in America, also a very good article on "Reading," and the "Advantages of History"

The cadets' library numbered 1,100 volumes According to the tables given, Harvard had the largest college library, 28,000 volumes, Yale next with 9,000 volumes; Middlebury College 2,000 volumes; Dartmouth 6,000 volumes and the University of Vermont 900 The size of the library compared very well with the libraries of the other institutions especially when the age of the institution is considered. The books were classified under the following heads: History, Travels, Voyages and Geography, Biography and Memoirs, Mathematics and Philosophy (Natural), Military Works; Chemistry; Botany, Mineralogy and Natural History; Political Works, Letters and Essays, Poetry and Dramas, Novels, French Works, Miscellaneous. A reading room containing the various publications of this country and of several of the European countries was maintained The periodicals were bound for preservation in the library. This library became the property of Wesleyan University

Catalogue of Books Studied at the Academy

ENGLISH LANGUAGE

Murray's Grammar; Scott's Lessons for parsing, Murray's Reader for parsing; Blair's Rhetoric, abridged, Walker's Rhetorical Grammar; Porter on Elocution

FRENCH LANGUAGE

Wanostrocht's French Grammar; Lectuer Francais, Telemaque; Ferry's First Elements, Perren's Vocabulary, Boyer's Dictionary, large edition, two volumes, Bolmar's Perrin's Fables; L'Abbé Bossut, vocabulary, L'Abeille Francoise; Voltaire's Charles the 12th.

LATIN LANGUAGE

Adam's Latin Grammar, Liber Primus, Virgil; Cicero's Select Orations, Cicero de Oratore, de Amicitia et de Senectute; Sallust; Caesar's Commentaries, Horace Livy, first five books, Tacitus; five books.

GREEK LANGUAGE

Hackenberg's Greek Grammar, Collectanea Græca Minora, Collectanea Græca Majora, Xenophon's Anabasis, Homer's Iliad, six books, Buttman's Greek Grammar, Neilson's Greek Exercises, Delectus, Jacob's Greek Reader, Greek Testament

HISTORY AND GEOGRAPHY

Morse's Universal Geography, large abridgement with atlas, latest edition, Worcester's Geography, edition of 1820, Tytler's Elements of History, Adams Roman Antiquities.

MATHEMATICS AND NATURAL PHILOSOPHY.

Hutton's Mathematics, Gibson's Surveying, Crozet's Descriptive Geometry, Walsh's Arithmetic, edition of 1820, Enfield's Natural Philosophy, Davis's Descriptive Geometry, Cambridge course of Mathematics and Natural Philosophy, Tyler's Arithmetic, Hasler's Analytic Trigonometry Sganzin's Civil Engineer, Tredgold on Railways

SCIENCES

Eaton's Manual of Botany, Torrey's Compendium of the Northern Flora, Brande's Manual of Chemistry, Cleveland's Mineralogy

LOGIC, MORAL PHILOSOPHY AND METAPHYSICS

Hedge's Logic: Paley's Evidences of Christianity, Paley's Natural Theology, Paley's Moral Philosophy, Butler's Analogy, Locke's Essays on the Understanding, Stewart on the Mind

LAW AND POLITICS

Constitution of the United States, and of the several States, edition of 1820, by Gales & Seaton, Vattel's Law of Nations Federalist, Burlamaquion National and Political Law.

The Testament is superceded in the course of Greek studies by Xenophon's Anabasis with the belief that the style of the latter is more pure and classical However, it can be read by those preparing for college.

The corps of cadets was organized as a battalion One of the military instructors served as adjutant The cadets discharged in rotation the duties of the commissioned and non-commissioned officers of the various companies, and as officer of the day This method of selecting officers was continued until 1869 The cadets, for the purpose of perfecting their military duties, occasionally acted as military instructors. An elaborate set of rules and regulations was published for the guidance of the cadets The first morning roll call came fifteen minutes after the beating of the reveille Immediately after this roll call, the rooms were swept, beds made up, and the furniture arranged in perfect order In twenty minutes after the roll call the rooms were inspected by the officer of the day and a written report was submitted to the superintendent From March 20 until September 20, breakfast was served at 7 A M, and from September 20 until March 20, at 7.45. Dinner was served throughout the year at 1 P M and supper at sunset From March 20 until September 20, study and recitations began at 8 o'clock A. M and continued until 1 P M and from 2 P M until 4 P M. The hour from four to five was allowed for recreation and study, and from 5 o'clock until sunset was devoted to study From September 20 to March 20, the study hour commenced at 9 A M and continued until 1 P M, and from 2 P M until sunset The cadets were required to study in their own rooms. From March 20 until September 20 cadets were required to be in their quarters at 8 o'clock P M, and from September 20 to March 20, at 7 P M At 10 P M the lights were extinguished and all cadets were required to be in bed

The cadets were required to attend divine service on Sundays, and during the remaining time they were required to remain in their rooms. The reading and study of the Holy Scriptures was earnestly enjoined upon all the cadets during their leisure hours, especially on the Sabbath Prayers were attended each morning after troop beating and an able chaplain was provided to conduct the services A professor had rooms on each floor and was responsible to the superintendent for the conduct of the cadets Strict military inspections were held at least once a month.

For the purpose of giving the students a military appearance when engaged in military duty and also for the sake of economy, all cadets were required to wear a uniform dress. Severe discipline was given a cadet if he appeared in civilian dress without permission In prescribing this dress it was endeavored to com-

bine, as far as possible, cheapness and a neat military appearance A Hussar jacket of dark blue cloth, with three rows of white bullet buttons in front, the two outside rows terminating a little past the top of the shoulders, the intervals between the buttons of each row to be one-fourth of an inch, standing collar to rise as high as the tip of the ears, with a button in each angle, and slit longitudinally on the under side, with four buttons of a smaller size set close on each, the jacket terminating in a peak in front and rear, with two buttons behind at the bottom of the waist, which must extend as low as the waist of the person, counter straps on each shoulder for the purpose of confining the cartridge box and bayonet belts, small side pockets with four buttons under each flap Vest, white for summer, and blue cloth for winter, single breasted, with eight to ten white bullet buttons of small size Pantaloons, white for summer, made either of Russia sheeting or cotton or linen cloth of domestic manufacture, and of dark blue cloth for winter: the pantaloons to reach to the shoes, without understraps, and as well as the other clothing made sufficiently large to allow of the free and unrestrained use of the limbs, avoiding at the same time unnecessary encumbrance Jefferson shoes, to rise as high as the ankles White linen half gaiters for summer, with small bullet buttons, worn under the pantaloons, black silk or velvet stockings, caps with appropriate trimmings Plaid great coats, lined with green baize, with caps and folding collars, the ground work green, with dark stripes Every cadet was required to have a proper fatigue dress, which was worn on all kinds of fatigue duty, the regular uniform was never allowed to be worn on such duty. To show Captain Partridge's desire to aid in the building up of an American industry, we quote from the prospectus "Captain Partridge would be highly gratified to see all his pupils clothed in domestic manufacture" A tailor was employed at the "Academy" where most of the uniforms were made.

A stand of muskets sufficient to equip the corps was loaned to Captain Partridge by the State of Vermont, and when the "Academy" was moved to Middletown, the State of Connecticut also loaned the necessary equipment In March, 1824, Captain Partridge presented a memorial to Congress asking for the loan of cannon and ammunition to equip the "Academy" and to enable him to continue his experiments in ordinance In this memorial he gives a full account of the founding of the "Academy" and the work accomplished at the institution. In 1825 his request was granted and the U S Government loaned him seven

cannon and the necessary ammunition. Much attention was given to the artillery drill and the instruction in Ordnance

The practice marches and pedestrian tours were a distinctive feature of the work at the "Academy" Captain Partridge was a firm believer in physical training of the young men of the country His ideas on this subject are given in his announcement of the founding of the "Academy" The first trip so far as known was taken August 2, 1820, to the Kearsarge Mountain, in New Hampshire Captain Partridge, accompanied by Cadets Hopson and Buswell, Messrs Curtis and Flint, juniors of Dartmouth College, a son of Hon. Mills Olcott of Hanover, and several gentlemen, left Norwich, August 2, and reached the top of the mountain that day. Captain Partridge took the elevation as follows at the foot of the mountain, 2279 feet, and at the top 3,461 feet They returned to Norwich the next day, August 3d.

The corps of cadets left Norwich on the morning of October 8, 1821, for Woodstock. The day was rainy and the roads were very rough, yet the corps reached their destination at 4 P. M. They were billeted out with the inhabitants On Tuesday they were given a public dinner Several exhibition drills were given and in the evening Captain Partridge gave a lecture on "Military Work." They returned to Norwich, October 10 A committee consisting of Edward M. Duane, Edward Woodbridge, Cyrus Yeomans, Benjamin Swan, Jr, and Theodore W Ely, was appointed by the corps to extend their thanks to the citizens of Woodstock for the kind hospitality shown them.

The *Woodstock Observer* of October 16, 1821, states.

"From the youngest to the oldest, they exhibited the same manner of dignity which marks so emphatically the aspect and demeanor of their immitable instructor"

The corps left Norwich, Friday A. M, October 11, 1822, for Montpelier, Vermont The march led through Strafford to Chelsea where they staid the first night. They reached Montpelier, Saturday the 12th, and were given a cordial reception The cadets were billeted out with the inhabitants They attended church Sunday, the 13th. The corps paraded at 11 A. M, Monday, in front of the State House, and were reviewed by the Governor and members of the Legislature. They gave exhibition drills at 3 P. M, and in the evening Captain Partridge lectured on the "Battle of Waterloo" On Tuesday, the 15th, the corps gave exhibition drills and paraded through the principal streets of the city. Captain Partridge lectured on "National Defense" in the evening. After

the address a ball was given in their honor at the Union Hotel The corps, after giving several drills Wednesday morning, was formed in a hollow square and the Rev. Charles Wright, of the committee of arrangements, made an eloquent prayer. Several speeches were made by prominent citizens of Montpelier, to which Captain Partridge briefly responded. The corps then left Montpelier and proceeded up the Dog River Valley through Roxbury and Randolph, where they staid that night They reached Norwich, Thursday night, October 17

The second march of the Corps was to Concord N H The corps, organized as a battalion and numbering 115 cadets, left Norwich at 8 A. M, June 13, 1822 The first day they marched to Enfield, via Hanover, Lebanon and the Shaker settlement, a distance of fourteen miles. They reached the residence of J Willis, Esq, at 3 30 P M, where they were welcomed by A M Chase, the Congregational minister, who delivered them a brief address They were entertained most royally by Mr. Willis, who was one of the leading citizens of that town, and the father of J F. Willis, one of the cadets They gave an exhibition drill after dinner, which was witnessed by a large crowd of people from Enfield and adjoining towns. The next morning they broke camp at 4 00 A M. and at 7 15 A M they reached Captain Stickney's Tavern in Springfield, where they had breakfast At 9 A. M. they reached Moore's Inn at Wilmot, where through the generosity of Col Moore, the landlord, light refreshments were served to the corps in ranks At 2 30 P M. they dined at Mr Hutchins' Inn at Andover, and at 5.00 P M reached the East village in Salisbury, where a halt was made for the night, having covered a distance of twenty-eight miles They were hospitably entertained by the citizens of the town A large building was furnished for their quarters At 9 00 A M the next day the march was resumed for Concord, sixteen miles distant The corps passed over the plains of Boscawen and through the village of Merrimack At 4 00 A. M as they neared the city of Concord, they were met by a company of infantry commanded by Captain Stickney, and were escorted through the main street of the city to the State House common, being cheered by the applause of a great crowd of people and the booming of cannon They were welcomed to the city by Samuel Sparhawk, secretary of state and father of Oliver Sparhawk, a member of the corps Captain Partridge made a brief speech in response

We quote from the *New Hampshire Patriot* of June 17, 1822

"The citizens of this town and a vast concourse of strangers assembled on this occasion, having enjoyed with great satisfaction the recent visit of Captain Partridge and his Cadets. Though, from the high reputation of the school at Norwich, we had anticipated much, our expectations were far exceeded in the neatness of their appearance, the order and perfection of their discipline, and *L'esprit du corps* with which they seemed to be animated"

On Sunday the 16th, the corps attended public worship at the McFarland Meeting House. On Monday the 17th, the corps paraded on the common. A dress parade was given, guard mount and the various evolutions of the battalion were executed In the evening Captain Partridge delivered, in the House of Representatives, his historical lecture on the 'Battle of Waterloo" On Tuesday morning the corps was received by Governor Bell and staff, the Adjutant and Inspector General. Some time was spent in various drills and firing

In the afternoon the young ladies of Rev. J. L Blake's Literary School presented the corps with a battalion flag, representing on one side the emblem of the State and on the reverse side the emblems of the sciences and arts The cadets were drawn up in front of the State House Miss Mary Jane Kent presented the flag in a very graceful manner and made the presentation address Cadet Joseph D Allen responded for the corps in an eloquent speech

The *New Hampshire Patriot* states:

"We have never witnessed in this place any public ceremonies in which the people were so universally interested: indeed the spectacle was one eminently calculated to interest the feelings Two thousand spectators had assembled and occupied every spot around the common. The corps was composed of mere youth, who yet exhibited the decorum and precision of age During their stay in this place it is but just to remark that the individual deportment was such as gave great satisfaction to the people and will long be remembered as a bright promise of future excellence"

The flag that was presented to the corps is now in the possession of Captain H V Partridge of Norwich, and we hope to see it placed in Carnegie Library with the other relics and trophies of old "N U." In the evening Captain Partridge delivered his address on 'The Improvement of the Militia as a Means of National Defence."

The corps left Concord at 9 00 A M., June 19, on their return march to Norwich They reached Hopkinton at noon, and were escorted through the town by a company of infantry under the command of Captain C. Chase, and a company of riflemen commanded by Thomas Bailey. The corps was entertained by Colonel Roger Perkins, father of Hamilton E. Perkins, one of the cadets The afternoon was spent in the various drills The corps was billeted out with the inhabitants for the night. The corps left the next morning at 9 00 A M for Henniker On their approach to that town they were met by the Hon. Judge Darling, father of J P Darling, one of the cadets, and an escort of riflemen under the command of Captain Campbell Judge Darling welcomed them to town with an eloquent address, which was responded to by Captain Partridge. After giving exhibition drills the corps left at 2 00 P. M for Hillsboro, where they arrived in the early evening, having marched eighteen miles It rained during the afternoon and the corps was drenched, yet like true soldiers continued the march They were welcomed to town by General Pierce

They left town the next morning for Washington at 6 30 A M, arriving there at 1 00 P M The march was continued through Goshen to Newport, a distance of eighteen miles from Hopkinton, where they were hospitably entertained by the citizens. On the morning of the 22d, a company of infantry under command of Captain McKinney was assembled, and a salute was fired in honor of the corps After a brief time spent in drill, the corps resumed the march, passing through Croydon, Plainfield, Lebanon, Hanover, reaching the "Academy Grounds" in the early evening, after a march of twenty-seven miles During this time the corps marched 145 miles The account of the march states that "Many of our fellow cadets, with their equipage for a burden, their arms and accoutrements, scarce advanced to the age of fourteen years, were at no times the sufferers of any degree of inconvenience from the travel of one day and another in succession. With an atmosphere heated almost to an insufferable degree, a road sometimes deep in sand, and then rough and mountainous, many of our younger brothers were unwilling to acknowledge their inability to vie with any in the corps"

On July 3, the corps met and appointed a committee consisting of John Savage, Jr., Rufus Emerson, S L Pitkin, W M. Murray and John A Harleston, to present a vote of thanks to the various towns, and the persons who had entertained the corps on this march.

In September, 1823, Captain Partridge was invited by the Hon Richard Skinner, Governor of Vermont, and a resident of Manchester, to cometo that town and make a barometrical measurement of Equinox Mountain

The invitation was accepted and on September 17, Captain Partridge, with a detachment of twenty-seven cadets, left Norwich for Manchester.

From the manuscript copy of the "Journal of an excursion made by a party of the Norwich Cadets, September, 1823," by William Gray Brooks, 1824, and presented by him to the Vermont State Historical Society, Montpelier, Vt, we give the essential details of the march

The Journal gives very interesting details of the incidents of the march, notes on the topography of the country passed through and much statistical matter

The party left Norwich at 5 30 A M September 17, and passed through White River Junction, Hartland, Windsor—at the base of Ascutney Mountain—Weathersfield, reaching Duncan's Tavern at Black River at 6 00 P M Observations were taken on the hill back of White River Junction and at Weathersfield, and the elevations above sea level were found to be 527 feet and 1082 feet respectively

It rained heavily during the afternoon and the cadets were drenched, yet they kept on They bunked on the hall floor of the hotel

They left Duncan's Tavern at 5 30 A M September 18, and passed through East Chester and Andover, crossed the range to Londonderry and at 6 00 P. M reached the pass leading over Peru Mountain to Winhall The elevation of the pass was found to be 1942 feet above the sea They reached the tavern in Winhall at 6 30 P M, where they passed the night, having marched thirty-four miles

Captain Partridge, being in a hurry to reach Manchester, pushed on and reached his destination at 9 00 P M. They left for Manchester the next morning at 5 00 A M, reaching there at 6 30 A. M, a distance of six and one-half miles

At 1 00 P. M. the detachment of cadets with Captain Partridge, Governor Skinner and some residents of the town, set out for the summit of Equinox Mountain, reaching the highest elevation at 3 00 P M The elevation was found to be 3706 feet above the sea.

They returned to the village at 6 00 P M having traveled

fifteen miles this day In the evening they were entertained at the residence of Governor Skinner

At 9 00 A M September 20, they left Manchester for Rutland, thirty-four miles distance, passing by Dorset Mountain and reaching their destination at 7 30 P M They left Rutland at 8 30 A M, passing by the base of Killington Peak, through Sherburne, and reaching Woodstock at 6 00 P M, covering a distance of twenty-eight miles They left for Norwich the next morning at 6 00 A M, passing through Quechee and White River Junction, arriving at the barracks at 11 00 A M They were gone five and one half days and marched one hundred fifty-nine miles, a large part of the distance being over steep mountain roads in many places very muddy This record for marching can hardly be excelled by the modern athlete

On October 1, 1823, the corps of cadets under command of Captain Partridge left Norwich at 9 30 A M for Windsor, arriving there at 5 00 P. M. The corps was met by the Jefferson Artillery Company, who escorted them to the court house, which had been arranged for their use. They were billeted out for the night, with the inhabitants. At 9 00 A M the next morning they were paraded and attended prayers given by Rev. Mr Wheeler At 10 00 A M they gave the various drills and practiced street firing, at 3 00 P M a dress parade was given and after the ceremony they were marched to the Episcopal church where the rector, Rev Mr Learned, conducted a service At 7 00 P M Captain Partridge delivered his lecture on "Education" At 8 30 A M the next day a parade was given and at 9 00 A. M. the corps left for Norwich, arriving there at 5 30 P M

A committee composed of Edwin F Johnson, A Kennedy, William G Brooks, F. B Trepagnier, Alfred Stanley, Thomas B Adams and B Williams was appointed by the corps to draw up resolutions of thanks to the people of Windsor for their generous hospitality

We give a copy of the letter written by George M Totten to his sister in New Haven It gives interesting data in regard to the march to Burlington, Vt and a comparison between the appearance of the "A L S & M" cadets and the Yale students

MILITARY ACADEMY, NORWICH, May 25th, 1824

DEAR SISTER

We are preparing for the march as fast as possible, which we have contemplated to begin in about two weeks The Captain says if nothing happens

we will certainly go as far as Plattsburg (then shall I go over the same ground where my kinsman, Captain Joseph Gilbert Totten, U S A, won his promotion at the point of his sword, by saving the colors) and then if we stand it well enough will proceed as far as Montreal Two students from Yale college are now on a visit during the vacation They look awfully shabby along side of us With regard to my French study, the Captain says I am not to begin yet, because I have 5 studies already which is as many as I can attend to until after the march While we are on the march we are going to sleep on the ground but how we are to get food, I do not know, for we expect to be gone at least 3 weeks if not more—we cannot carry it all with us, although we expect to carry enough for two or three days We expect to have the knapsacks ready for the march, they are to be painted dark blue with an escutcheon painted upon them, these letters, A L S & M Academy, in red and white

Excuse the dryness of this letter as there is no news—only military duty Please remember me to all the family.

Your affectionate Brother,

G M TOTTEN.

On Wednesday, June 9, 1824, at 8 P M, the corps organized as a battalion and headed by their band, under leadership of Prof. William W Bailey, left Norwich for Burlington, Vt

Their baggage was transported by teams Their march the first day was through Norwich, Hartford, Quechee, Woodstock, to Bridgewater, a distance of twenty-two miles, where they arrived at 6 00 P M They were entertained by the people of the town.

The next morning at 6 00 A M the corps left for Rutland Their march led for some time along the branch of the Quechee river, then over the mountain to Shrewsbury and through that town Rutland was reached in the early evening and they were billeted with the inhabitants

Friday, June 11th, was spent in the various drills, which were witnessed by large crowds The various places of interest were visited by the corps. Captain Partridge gave in the afternoon a lecture on military matters.

Saturday, June 12, at 8 00 A M a parade was given, after which prayers were offered by Rev Mr Walker then, the various evolutions of the battalion were executed At 3 30 P M a public dinner was given to Captain Partridge and the corps, after dinner Captain Partridge gave a military lecture

Sunday, June 13, the corps attended divine worship at Rev Mr Walker's meeting house, at 7 00 P M, the corps left Rutland for Castleton, ten miles distant, where they staid for the night

Monday, June 14, at 6.00 A M, the march was resumed, which led through Castleton and Fairhaven and Whitehall, New York, was reached at 1 00 P. M, where they embarked on the *Congress* which was to take them down Lake Champlain the next day.

Tuesday, June 15, at 4 00 A M the corps left for Burlington They landed at Ticonderoga and the ruins of the old fort were inspected Captain Partridge gave them the history of the military operations in this section of the country during the Revolutionary War. They re-embarked and at noon they passed historic Crown Point It was at first planned to visit this spot, but they were forced to give it up, owing to lack of time

At 6 P M the harbor at Burlington was reached, where they were received with booming of cannon A committee of citizens from that city met the corps and hospitably welcomed it The corps was billeted with the inhabitants

Wednesday, June 16, the corps visited the University of Vermont We quote from the "Journal of the March":

"But a few days previous to our arrival the place lost this, its pride and ornament, (main University building) by fire. The walls only now remain, which were of brick, four stories high, 160 feet in length and 50 ft breadth, with projections in front and rear."

Other places of interest were visited At 10 00 A M. the corps was paraded and gave the various drills Rev. Mr Preston gave prayers at the close of the drills

Thursday, June 17, the corps gave exhibition drills and at 5 00 P. M, embarked on the *Congress* for Plattsburgh. They left the city amid booming of cannon, the corps band playing various patriotic and popular selections They reached Plattsburgh at 1 00 P. M, and were hospitably entertained by the inhabitants.

Friday, June 18, the corps was paraded. The old cantonment was visited. The harbor and military storehouses were inspected under guidance of Major Hersey, U S A

Saturday, June 19, the corps was paraded and marched to the cantonment and after prayers by Rev. Mr. Whelply the various drills were executed. The corps was then reviewed by Major General Mooers. Sunday, June 20, the corps attended divine service which was closed by an able address to the cadets. Monday, June 21, at 8 00 A M. the corps paraded and gave the various drills

It was planned to visit Montreal, but as an unwillingness

was expressed by the government authorities to allow this, the march to that city was given up We quote from the *Canadian Times* of June 18, 1824.

"We read in a Burlington paper that it is the intention of Captain Partridge and his corps of cadets to visit Montreal in the course of a tour which they are now making in the north. Before any such step is taken, we should suppose it better that the effect should be considered We are most ardent in our wishes, that nothing may be done to create broils or discontent between this country and our neighbours, but we doubt whether the appearance of one or two hundred young men, preparing to become officers in the United States Army, armed and equipped, would be a grateful sight to our *citizens* And if their presence would not give pleasure, they surely should not come, for their own situation, under such circumstances, would be peculiarly disagreeable. When all remembrance is obliterated of former animosity betwixt this country and the United States,—when feelings of perfect friendship are established, then such a display of such *offensive materials* may be taken as mere pastime, and the students of Norwich would be cordially received But, while the kindly sentiments, which similarity of laws, language, and institutions ought to produce, are slowly forcing themselves into being,—while yet the feelings of friendship are tardily recovering from the late hostility with the United States,—while the least idea exists that *this* country may be involved in warfare with *that*, then cadets will do injury to the cause by a display of their ranks among us. No one can feel more desirous than we that the most kindly intercourse should exist between the two countries, but we are not anxious to have the perfection of their institutions impressed upon our minds in the matter proposed The imitation, if there should be any, would be local it is true, but even that is worthy of avoiding"

The corps left the city at 3 00 P M on the *Phoenix* for Basin Harbor, near the mouth of the Otter Creek River, where they arrived at 10 00 P. M They stayed that night in the storehouse near the dock

On the arrival of the boat, a messenger from the Mayor of Vergennes gave Captain Partridge a letter inviting them to visit the city and offering the hospitality of the city.

Tuesday, June 22, the corps marched to Vergennes As they neared the city they were met by the Mayor, corporation, and a

delegation of the principal citizens The Mayor, General Barnum, delivered a brief address, welcoming Captain Partridge and the corps

We quote from the address "We feel in common with them and the whole country the importance and usefulness of the institution, which, by your *own* exertions, has been brought to its present state of perfection We hope and trust that our country, whose interests you have so zealously exerted yourself to promote, may not fail of granting that liberal patronage you so justly deserve To you, Sir, it must be a flattering consolation to know that no individual, (except yourself) in any country, has ever made a similar attempt with any degree of success And God grant that your most sanguine expectations in this laudable undertaking may be fully realized Such accommodations as our little city affords are most cheerfully offered for your comfort and convenience"

Captain Partridge responded in a brief address A salute was fired in their honor as they marched into the city They were billeted among the inhabitants

Wednesday, June 23, the corps paraded at an early hour and the various drills were executed Then they attended divine worship conducted by Rev Mr Lovell At 9 00 A M the corps left the city, being escorted to the borders of the town by the mayor, corporation and prominent citizens The route led through New Haven, and Middlebury was reached at 1 00 P M A committee of citizens met the corps at the Middlebury line and welcomed them to town President Bates of Middlebury College delivered an eloquent address of welcome Amid the booming of cannon they were conducted to the "College Green," where dinner was served the men They were then marched to the Court House Square, and billeted with the inhabitants The college and other places of interest were then visited by the cadets

Thursday, June 24, the corps gave exhibition drills which had to be suspended owing to a heavy shower Friday, June 25, the corps left Middlebury at 7 00 A M, the march leading up to the heights of Ripton, over the main range of the Green Mountains to White River valley at Hancock, reaching Rochester, twenty-five miles distant from Middlebury, in the early evening, where they were entertained by the citizens of the town Saturday, June 26, at an early hour the corps was paraded and the march was begun for Sharon, twenty-seven miles distant The route led up the mountain to Rochester Hollow, over the mountain to Bethel,

through Royalton to Sharon village, which was reached at 7 00 P M Sunday, June 27, the corps left for Norwich, 11 miles distant, at 7 00 A M, arriving at the "Academy" at 10 00 A. M

The distance marched by the corps was about two hundred and ninety miles and during the time only one cadet was ill A committee of cadets, consisting of Joseph D. Allen, J B Rodney, J S. Wallace, Hiram P Woodworth and A Kennedy, was chosen by the corps to extend to the various towns and cities where they had been entertained, a vote of thanks for the hospitality shown them Joseph D Allen was the historian for the trip, and Elisha Dunbar the topographical engineer

Notes were taken on the topography of the country and elevations were taken at 15 stations, as follows. (1) Military Academy, 430 feet, (2) White River, 232 feet, (3) Hartford Meeting House, 730 feet, (4) Quechee Village, 415 feet, (5) Woodstock Court House, 598 feet, (6) Bridgewater, 812 feet, (7) Shelburne, 1,075 feet, (8) summit of pass over the mountain, Woodstock to Rutland, 1,882 feet, (9) Killington Peak, metrical measurement, 3,924 feet, (10) Shrewsbury Peak (trigonometrical measurement), 4,034 feet, (11) Rutland Court House, 687 feet, (12) Otter Creek in Rutland, 467 feet, (13) Castleton Village, 494 feet, (14) Fair Haven Village 370 feet, (15) Lake Champlain at Whitehall, 96 feet

There was evidently a mistake in the names of the two mountains, stations (9) and (10)

A detachment of fifty cadets, under command of Capt Partridge, left Norwich for the White Mountains at 8 30 A. M, September 30, 1824 We give the full account of the march as from the pen of Gideon Welles, 26, the historian of the party

"Crossing the Connecticut River at Norwich, we entered Hanover in state of New Hampshire celebrated for containing one of the most ancient and respected literary institutions in our country, Dartmouth College We marched through the village without halting, and bending our course northward, passed a well cultivated country along the banks of the Connecticut Our road lay in the vicinity of the river, which was generally upwards of a hundred yards wide, and bounded on both sides by lofty banks A walk of about eighteen miles brought us, about noon, to the village of Orford At this place we dined and, again at three, continued our journey Orford is connected by a bridge with Fairlee in Vermont, and though small is a delightful village That rural elegance and simplicity which peculiarly characterizes the villages of New England, is here beautifully displayed Continuing our course north we passed through Piermont, a small hamlet, which appears

to have been formed in consequence of several advantageous mill sites already occupied, and arrived at Haverhill at six

Our journey this day had been almost entirely within the valley of the Connecticut The country did not indeed present such extensive meadows as distinguished this beautiful stream, but the well cultivated farms in its vicinity evidently originated from the advantages which the river afforded A good road rendered our march comparatively pleasant, and journeying along the margin of the river we often paused to admire its interesting scenery On our left, across the river, rose the green hills of Vermont, their verdant sides sprinkled with villages, captivated the eye, while the rugged cliffs of the Moosehillock range hung frowning on our right Our whole day's march had been within a short distance of this range, their lofty and precipitous sides presenting a bleak and brown appearance, not however entirely devoid of interest Their bosoms undoubtedly contained resources worthy the attention of the Mineralogist In approaching Haverhill the valley of the river expanded, and the soil assumed a more fertile appearance. The orchards loaded with fruit and the corn yet standing in the field gave evidence of an abundant harvest In fine, the people seemed to possess all the requisites necessary for their happiness The inhabitants were generally of that class who cultivate the soil, and who constitute the strength and pride of our country Though bred in the walks of obscurity, no individual displays more nobleness of character than the American farmer Haverhill, the half-shire town of Grafton County, has a commanding situation on the east bank of the Connecticut River, and is connected by a bridge with Newbury in Vermont Its public buildings are a church, court house, academy and jail The houses are generally neat and a spacious green adds much beauty to the place Our whole corps was entertained at the hotels

Friday, Oct. 1st The morning was one of the finest the season had afforded, and having breakfasted we resumed our march at seven Our road for several miles was along an elevated plain, considerably higher than the interval lands on the Connecticut The great "Ox-bow," as it is called, a circuitous bend in the river a short distance above the village of Haverhill, affords the finest meadows in New Hampshire This fertile vale extended several miles on our left, presenting to the eye a highly picturesque and beautiful landscape Beneath us was a valley whose faded herbage already exhibited traces of autumn, and where it terminates in the far off distance, by the gentle rise of the Green Mountains, lay the interesting village of Newbury At ten, passed through "Horse-Meadow," situated in the north part of Haverhill Two miles from this, we left the Connecticut, which had hitherto been almost constantly in view, and after three miles travel came upon the Amonoosuck, a tributary to the Connecticut, which takes its rise in the White Mountains Following the course of this stream we soon came to its junction with the Wild Amonoosuck, a rapid and furious torrent that heads in the lofty Moosehillock We arrived at half past eleven at Bath, but without halting proceeded to the upper village, where the hospitality of Messrs Hutchins and Goodall had provided us a sumptuous entertainment These gentlemen had ascertained that we should take their village in our march, and with characteristic generosity had provided an elegant repast, which was the more acceptable because unexpected Leaving with regret our kind entertainers we, at 3, continued our march, expecting to reach

Littleton fifteen miles distant Our road this afternoon was along the wild and romantic banks of the Amonoosuck The valley of this river has every appearance of having been once the reservoir of a lake of no inconsiderable size The sun had set when we arrived at Glynville a small village on the south-east borders of the town of Littleton There is here a descent of several feet in the river, affording advantageous water privileges, and will probably at some future day render this a manufacturing place The hospitable inhabitants had provided a supper of which each seemed willing to partake, notwithstanding our late hearty dinner. Somewhat fatigued, we early sought that repose necessary to continue our journey the following morning, distance accomplished this day, thirty miles.

Appearance of the country was very similar to that of yesterday Toward the latter part of the day, however, the lofty hills which began to rise upon either side of our road—the rapid and broken current of the river, plainly evinced our approach to a more mountainous district The peaks of Bethlehem and the lofty summits of the Franconia ridge were pointed out, as intercepting our view of the White Mountains, which were now only twenty-five miles distant

Saturday, Oct 2d After a refreshing sleep, we arose in fine spirits expecting to complete our journey this day to Mt Washington. The morning, though cold was clear and pleasant, and after a substantial breakfast which our friends had provided, we set forward at seven Crossing the Amonoosuck at this place, we began to ascend a more elevated region A walk of four miles, continually ascending, brought us to Bethlehem's meeting house Here Capt Partridge made an observation From this place we had a distant though imperfect view of the White Mountains Without stopping longer than was necessary to make the observations mentioned, we continued our march through Bethlehem, which has for about two miles upon the road a scattered and thin population Passing this we entered the forest of Breton's Woods, which, in a distance of fourteen miles, has but one solitary habitation The trees were principally beech, maple, birch, and the majestic pine This valuable tree, the spontaneous production of the woods of New Hampshire, exhibits at this time but few specimens of its primitive glory Still, the traveller occasionally meets with a stately span which the axe has spared, and which tower far above the surrounding forest These specimens are, however, rare and every year becoming less numerous Long ere others can grow to fill their places, these venerable relics of ages will fall beneath the axe of the enterprising but too thoughtless adventurer

A march of eighteen miles, mostly through this forest, brought us to Crawford's, the last dwelling on the west side of the mountains From this place they were distinctly seen, high pointing to the heavens and their summits capped with clouds. At intervals, when the mist which obscured our view was dissipated, Mt Washington could be seen lifting his hoary brow above the others, and like him, from whom it derives its name, was elevated far above surrounding creation On the north Jefferson presents his venerable head, second to Washington alone—while to the south, Adams, Madison and Monroe, "in quick succession rise" Amidst them the conical height, justly though temporarily named "Pleasant," stands conspicuous As far as vegetation reigned, the dark umbrageous shade of evergreens gave them a gloomy and melancholy appearance Deep ravines which torrents, through

ages of time had worn in their bosoms rendered them highly romantic, and made them, as it is reported they were, fit subjects of superstitions to the untutored Indian. Well might these lofty summits, which have not a comparison from the Cordilleras of Mexico to the frozen ocean, suggest to the unlettered mind of these sons of the forest an idea of Divinity. After dinner a part of our corps visited the celebrated Notch (a narrow defile in the mountains, through which is the Portland and Lancaster turnpike. The remainder started at four for the camps at the foot of Mt. Washington. Following the turnpike mentioned, for about three-fourths of a mile toward the Notch, we then left it for a narrow foot path, which had been cut with some difficulty through the woods and which led directly to the camp. Our pathway was impeded by rocks, stumps, fallen trees, bogs, morasses, and frequently by streams of water across which had fallen some neighboring tree that served as a bridge. Sometimes our course was along the margin of the Amonoosuck and as we traversed its rocky banks we were alternately delighted and astonished with the romantic wildness of the place and its hurried and impetuous waterfalls. It was twilight when we arrived at the camps,—two hunting sheds built of bark in which we were to pass the night. They were erected at the foot of the ascent to Mt. Washington by Mr. Crawford, the guide, for the accommodation of such persons as curiosity should induce to visit it, surrounded by lofty hemlocks and pines. At no great distance a mountain torrent swept its way foaming and chafing the rocks that impeded its course.

After repeated trials we at length kindled a fire, whose cheerful blaze threw a broad gleam over the surrounding gloom. A supper was soon prepared from such means as our knapsacks afforded and of which we partook with eagerness. Fatigued with this day's exertions, particularly that of the last seven miles, each one sought his blanket and throwing himself upon the ground slept soundly till morning.

Sunday, Oct. 3. Scarcely had dawn appeared, when we again ranged ourselves around our "Humble Board," and after a hearty breakfast commenced clambering the mountain. For more than a mile our path was through a thick growth of woods, where roots and fallen trees rendered our ascent laborious. At length the trees began to diminish in stature and when within about a mile of the summit, descended to a few low dwarfs whose branches projected in an horizontal direction and nothing was to be seen but a pile of barren and stupendous rocks. We here paused to take a view of the country, extending to the west, and the immense pile of mountains that seemed thrown in wild confusion around us. The heights of Franconia were immediately before us; beyond them extended the Moosehillock range and further still might be seen the Green Mountains, bounding the distant horizon. In ascending, we became enveloped in clouds, and the cold which had continually increased as we approached the summit, was soon almost insupportable. Snow had fallen several days previous, and ice was formed in many places, which added difficulty and even danger to our ascent. But by perseverance we at length surmounted all obstacles and thought ourselves amply compensated for the fatigue we had undergone, by placing our feet on the highest summit east of the Mississippi. We were, however, debarred the pleasure that had been anticipated in viewing the surrounding country from this lofty eminence, by dense clouds that lay beneath us. In consequence of this, our stay was not protracted longer than was requisite to take the necessary observations for

ascertaining the mountain's altitude, when benumbed with cold, we hastened down to the camp, and from thence to Crawfords' which we reached at half past two

After dinner we proceeded to the Notch, and Monday morning, Oct 4, left Crawford's at eight on our return, and reached Littleton, eighteen miles, at twelve We were received here with the same hospitality as on the second inst , and after dinner started afresh for Bath where we arrived at seven We found quarters at the two spacious hotels in the lower village Bath is a flourishing village, and when it will have the direct communication with the cities on our sea-board by means of the navigation of the Connecticut will become the seat of extensive business It is surprising that this river, the pride of New England and flowing more than four hundred miles through the most populous and flourishing section of our country—its borders inhabited by a race noted for their enterprise, should be so intensely neglected, when, by trifling exertion, it might be made the means of enriching the numerous villages that grace its margin, and giving energy to all who reside in its vicinity When that spirit of improvement which so eminently distinguishes the citizens of a neighboring state shall have extended to the banks of the Connecticut, and rendered it navigible, Bath will rise in importance

Friday October 8 Left Bath at eight passed through Haverhill at eleven, Oxford at three, and reached the "Military Academy" late in the p m , having travelled the last day, forty-two miles, and completed a march of one hundred and sixty miles, in six days, a considerable part of which was over a rough and mountainous district that has justly obtained the appellation of the "Switzerland of America" Thus ended our excursion to the White Mountains An excursion that was undertaken as much for instruction with amusement and which for a few days interrupted the uniform tenor of our academic pursuits We trust, however, that they were days not unprofitably spent, and are sensible that we shall hereafter remember them as an interesting era in our youthful annals, to which our minds will revert with sentiments of the purest satisfaction "

During May and June, 1825, Captain Partridge and a detachment of twenty-five cadets made a trip to New York City, via Middletown, Conn They returned by way of Albany, N. Y

We quote from the *Middletown Sentinel* of April 27, 1825 "Captain Partridge of the Military School at Norwich, Vt , accompanied by twenty-five of his scholars, arrived in this city on Thursday last and departed in the steamboat last evening for New York We understand they intend to visit the Middle States and return by the way of Albany These young men, owing to the mode of instruction and exercise adopted by their teachers, present a fine, hardy appearance They travel mostly on foot, carrying their clothing in their knapsacks

"The corps of cadets numbering two hundred left Middletown, on the morning of Tuesday, Nov. 15, 1825, for Hartford They were hospitably received by the citizens of that city and by the

students of Washington College (Trinity). After parading through the principal streets, they gave exhibition drills They were billeted with the inhabitants. Owing to a heavy rain the drills were suspended in the forenoon of the 16th In the afternoon the corps was marched to Washington College where several drills were given At 9 A M., the 17th, the corps was assembled on the green east of the State House A hollow square was formed Prayer was made by Rev Walter Colton, Chaplain of the "Academy" Then several drills were given At 10 A M. the students of Washington College, preceded by the faculty, met the cadets An address was made by Isaac E Cary, one of the Washington College students The corps returned to Middletown on the afternoon of the 17th on the steamboat *Oliver Ellsworth.*

The *Hartford Times* states. "There is at this time no seminary of education in the State of Connecticut that attracts more attention or calls for more remarks than the seminary and pupils of Captain Partridge The reputation of his seminary and his mode of instruction is well known and duly appreciated by the people of this great and growing country. The location of it in Connecticut is hailed by many as an auspicious event * * * It may be said to be in principle a National Institute It has long been the ardent wish of the friends of science in America that a National University should be instituted, in which would be brought together the youth of our country from every section of it, in which would be disseminated those national feelings which would exterminate sectional partialities It is hoped, as this object is not yet accomplished, that Captain Partridge's Seminary will become a substitute, as it is understood that his pupils are from every state in the Union. Capt Partridge and his pupils have the good wishes of the lovers of science, of order and decorum, the prayers of the good and the approbation of all"

During November 17 and 18, 1825, the younger members of the corps made an extended march to Haddam, Conn

The corps of cadets left Middletown, Wednesday, A M, May 23, 1826

We give the account as written by a cadet, the historian of the march

Tuesday evening orders were given that every arrangement should be made, and every one prepared to start by break of day on the following morning, accordingly about 2 o'clock, we were aroused from our soothing dreams of home and "other times" by the loud rattle of the Reveille Drum, and although the duties of the two preceding days had been extremely fatiguing—although our slumbers of the past night had been broken without a single regret all were ready in an instant, breakfast over, each one receiving his day's rations and stowing it away in his knapsack, orders were given to "fall in," and we immediately formed open columns of companies ready to take up our line of march It was not far from 4 o'clock, morning light just began to dawn, when our little battalion consisting of one hundred, moved off with buoyant spirit and bounding steps, to the sound of the drum and bugle' greeted by the roar of the cannon belonging to the Artillery corps in the city After having marched something more than a mile, a halt was ordered, the music ceased, and word was given to advance with the route step On the way to New Haven nothing marvelous occurred,—as is almost always the case in life, we failed to make a proper estimate of our own powers at first setting out, although frequently cautioned by Capt Partridge, and told that "A good soldier would always commence so as to make the last mile as well as the first," the consequence was that some of us suffered severely from blistered toes and aching heads We contented ourselves, however, with the reflection that these were some of the benefits of Capt Partridge's system—benefits that poor human nature is not over fond of enjoying—nevertheless to know what it is to suffer, and how to bear manfully, is not the least useful kind of knowledge we can possess We arrived within a mile of New Haven about one o'clock, here we waited, agreeably to a previous understanding, until between three and four o'clock when the Committee came out to welcome and escort us into the city We were marched to the beautiful green in front of the state house, literally covered with dust and sweat In a few moments we were all invited to the houses of the citizens, and received with a warmth of heart and feeling that could not fail to make a deep and lasting impression upon the minds of the whole corps The next morning the cadets had their usual dress parade, etc, after which they were dismissed for the day We now had an opportunity for viewing the city and vicinity, for visiting the public Institutions and attending the sittings of the Legislature At an early hour many of the Corps were in the Gallery of the House, here we had an opportunity to make ourselves acquainted with the manner of conducting business in legislative bodies and viewing man in the most interesting relation he can bear to his fellow man—sitting in judgment upon their interests and happiness, investigating the resources, and debating the means of promoting national wealth and prosperity These are others of the advantages afforded by Captain Partridge's system, and if to become acquainted with public men and public business, if to contemplate man standing in all possible relations to his fellowmen, if to scan his actions under all circumstances, be not an important part of human knowledge, then ought opportunities for acquiring it have a place in a system of Education designed to prepare youth for acting well their parts in the drama of human existence.

The afternoon of Thursday was spent in viewing the numerous public buildings in the city and visiting the splendid cabinet belonging to Yale College. In [illegible]

deeply attentive audience. After the lecture, the corps, in consequence of an invitation previously given, attended Mr Lee's concert at the Columbian Garden Friday morning after our usual parade we were reviewed by Gov Wolcott, and to the whole corps it must be a source of the greatest pleasure to know that he expressed in the warmest terms his admiration of their conduct and appearance The remainder of the forenoon was spent in various military exhibitions, firing, etc In the afternoon we were ordered to prepare to return to Middletown About 7 o'clock, with feelings of deep regret we were obliged to bid our new friends adieu and immediately commenced our march back We were waited upon out of the city by the Committee, and followed by a large concourse of people. After travelling all night, the corps arrived at Durham, here they rested until Saturday morning when they returned to the 'Academy,' and although many of us suffered not a little from fatigue and pain, all are convinced that in no other way could they have spent the time so profitably or indeed so pleasantly.

The *New Haven Herald*, May 24, 1826, gave the following notice of the cadets in an editorial "Their marchings, firings, etc, were executed with admirable precision and effect, and all their evolutions were performed in a manner which we have never seen surpassed Such is the result of proper organization and regular discipline The usual discipline of the school was observed by the cadets while here, their appearance was highly respectable, their demeanor polite and orderly and their visit gratifying and acceptable"

Captain Partridge was invited by the corporation of the city of New York to assist in celebrating the fiftieth anniversary of the American Independence, July 4, 1826. The corps numbering 265 cadets, embarked on the steamboat *Oliver Ellsworth* at Middletown, Friday night, July 3, but owing to a heavy fog did not reach the city until 9 A M They were received by Col. Wetmore's regiment of the state militia The *New York Spectator* says "The precision of the Cadets and, young as many of them were, the vigor with which they withstood the fatigues of an intensely hot day, attracted universal admiration."

The *New York Evening Post*, speaking of the manœuvres of the cadets of the 4th, says "The accuracy of their manœuvres and marchings could not well be surpassed And when we take into consideration that each of these soldier boys, some not 14 years old, were harnessed with all the trappings of war, besides a musket of 14 pounds' weight, their performance was truly astonishing. It seems to show that a military and civil education may be so combined as to render them a support and ornament mutually to each other."

In the evening a banquet was given "the corps" by Gen. Benedict which the various militia officers and many distinguished guests attended Among the toasts were the following "The Commander and Cadets of the 'A L S & M. Academy'—science, learning and discipline controlling the ardor of youth and shaping the course of honor and usefulness," by Col. Ingraham, "The Academy of Middletown—its principles an honor to the country, the proficiency of its pupils a credit to the talents and assiduity of the Instructor," by Col Wetmore, "The volunteer corps and militia of the State of New York—the right arm of the civil authority" by Capt Partridge On Wednesday A M., July 5, Captain Partridge paraded the corps in front of the City Hall.

We quote from the *New York Evening Post*: "The fine military appearance of the cadets soon attracted several thousand persons to the spot After going through the usual formalities of a regular morning parade, they formed in a line and commenced a series of well-executed manœuvres, which would have done honor to the oldest corps of the regular army. There were present a number of officers of the U. S. Army and Militia, who frequently mentioned the great delight and satisfaction they derived in witnessing the drill of these interesting youths A distinguished French general was present, and in the warmest terms expressed his admiration of the accuracy, rapidity and precision with which the manœuvres were executed. The cadets, at the conclusion of the drill, fired in line, by alternate companies, the *feu de joie*, and showed off in great style, firing from the head of the column and retiring by the flanks to reload. Afterwards they formed in a hollow square, when His Honor, the Mayor, and several members of the Common Council, marched into the center. Here Capt Partridge was addressed as follows by the Mayor

"Sir—I cannot permit the fine corps under your command to leave the city, without expressing the admiration I have experienced in witnessing their military performances, and in the name of the Corporation, tendering you our thanks, and those of our fellow citizens, for your kind and well-timed visit. We have been delighted and astonished to witness, in so young a corps, the most perfect discipline and gentlemanly deportment, and the splendor of our late jubilee has greatly been enhanced by their presence It is the fiftieth anniversary of the Declaration of Indepen[illegible]

traordinary preparations for its celebration, but no part of the exhibition has been so interesting as the appearance of the youthful soldiers by whom I am now surrounded May they be ready at all times when required to defend our beloved country; and may the return of the next half century find many of them in health and happiness We shall be rejoiced on future occasions to receive the visits of your corps, and be prepared to give them a cordial welcome

"The cadets reformed the line, broke into column, and marched by invitation from the Park to the Navy Yard, Brooklyn, and from thence to view the fortification at Governor's Island, and on their return in the afternoon, embarked for Middletown in the steamboat, *Oliver Ellsworth* When they marched out at the Park Gate and were about taking leave, the citizens gave three hearty cheers "

A gentleman in New York wrote a friend in Middletown, under date of July 6, 1826

"I have no doubt that the visit of Capt Partridge and his cadets to New York will be productive of great advantage to the Institution The excellence of their appearance is still the theme of every day's conversation and several parents that did not expect that their sons would remain there another year are determined to continue them at the Institution."

The corps, on July 17, 1826, through a committee of twenty-one cadets, one from each state (eighteen) and the three foreign countries represented in their number, sent the corporation of New York and the various military officers who had extended courtesies to them, resolutions of thanks for their kind entertainment.

We give the letter written by Cadet George M Totten, 27, to his sister in New Haven

MIDDLETOWN, CONN, July 8, 1825

DEAR SISTER

I have been so busy for a long time, that I have not had an opportunity of answering your letter before this Before we went to New York, I was very busy, I was obliged to attend to my regular duties as well as to prepare for the march, but it is all over now and I sit down to give you a detailed story of our expedition

On Monday, the 3d, (which was the day appointed for our departure) we left this place in the steamboat *Oliver Ellsworth* at 1 o'clock P M, and expected to arrive in New York by seven next morning, but when we got

within about thirty miles of the city (which was at 3 o'clock A M) a fog came up, and not having a skillful pilot, lost our way and did not arrive until 10 A M

By this delay, we lost a very important part in the proceedings such as having a part in the salutes, which were to be fired on our arrival and answered by us from the boat, and also the presentation of a standard to the National Guards by Gov DeWitt Clinton However when we arrived, we were received by a great concourse of people on the dock, where we did not delay at all. I just had time to speak to my dear brother Charles, (Totten) who looks splendid in his regular uniform We marched directly up to the Battery where we were immediately formed in line and were reviewed by a General, I don't recollect his name Afterwards we were formed in a column, the rest also being formed in a column, and marched by the Mayor's House where we were reviewed by him and Governor Clinton, who was standing upon the steps, but the crowd was so great and my military collar so high, I could not distinguish him then, though I looked very eagerly out of the corners of my eyes for him Then we marched to the park where we fired a *feu de joie* of five rounds, then we marched to the Bowery, and partook of a cold collation and were immediately dispersed

By this time it was 4 P M, we had been drilling six hours in the hot sun with a knapsack, weighing about fourteen pounds, on our backs We had had nothing to drink since six o'clock that morning, the water on the boat being all used Very few of the cadets had shut their eyes the night before, for we were obliged to lay on the upper deck with nothing but a blanket to cover us—being 280 in number (including the musicians)—you may think how much noise there would be After we were dispersed, I found Charles' quarters—and how those Regular Army men treated me; all I wanted Tnere I met our cousin We remained until after tea, when we went out with the intention of seeing the fireworks in the Park, but in consequence of a shower, which we had this afternoon, they were postponed Then we returned and retired to bed On Wednesday, at 9 A M according to orders given the day before, we met in the Park and the parade being over, were reviewed by the Mayor We went through the marching and firing It was near 12 o'clock when we left the park amidst the hurrahs of thousands We marched aboard the steamer *Oliver Ellsworth* and went to the Governor's Island and the Navy Yard

Now, according to arrangements previously made, we were to go to West Point,—it was 4 P M, the time we were to start and all were in expectation of going, but suddenly the Captain (Partridge) gave orders that every one should arrange immediately to be prepared to set off for Middletown as soon as possible No one knew what to think of it, and no one knew the reason of it No one wished to go for they were all fatigued But submit every one must, we asked the Captain to stay—the instructors who were with us implored him to stay—he would give no reason

He said there was every appearance of a storm (as there was) and that there was not enough to cover us This was the first time I ever knew a storm to stop Capt Partridge

But it was impossible for all to be ready at the time the boat started so she had to wait—some of us were obliged to go one or two miles for our luggage—about two-thirds got ready and started two hours after the regular time, the othe-

Many reasons have been given for the Captain's abrupt departure—whether they are right or not, no one can tell The New York people say it was because he was not invited to dine with the corporation, as the officers of all the other corps on duty were They also say that we were not treated with the attention we deserved. Our corps they say drew thousands around us, while the others attracted no attention at all and to show the respect the rabble had for us, they refrained from pelting our corps with squibs and crackers as they did the other corps, we passed unmolested—and were cheered

Your affectionate brother,

G M TOTTEN

A detachment of 100 of the younger members of the corps left Middletown, Tuesday, September 26, 1826, for Hartford, Conn., reaching that city in the early P M. They were hospitably entertained by the citizens They were met by the 1st regiment of Connecticut Militia, who escorted them to the city The detachment paraded in East Hartford

The *Hartford Times* states: "They were the youngest part of the cadets but displayed the correct and precise behaviour of veterans"

The detachment left Hartford Wednesday morning and stayed in Thompsonville that night They reached Springfield Thursday A M, and after inspecting the U S Armory were given a public dinner at Russell's Coffee House by the citizens

The *Springfield Republican* of October 11, 1826, states "The little soldiers, some of whom appeared too small for their muskets and knapsacks did, nevertheless, display fine military discipline and gentlemanly conduct" The cadets gave several exhibition drills It was intended to have continued the march to Northampton, but owing to the heavy rains the trip to that city was given up.

The detachment left Springfield Friday morning in two boats They were entertained in Hartford that night and the next morning gave exhibition drills, and visited Washington College (Trinity College). The detachment was escorted to the boat by the students of that institution under command of Captain Clarey On their reaching the boat, Captain Partridge gave an address to the students of the college They then embarked on the steamboat *Macdonough* for Middletown We quote from the *Hartford Times* "During the stay of the cadets in this place, their whole deportment and gentlemanly conduct added to their already acquired reputation and the fame of their distinguished instructor."

A detachment of forty-one cadets, under command of Captain Partridge, left Middletown at 10 A M, November 1, 1826, for West Point, N Y The march led through Berlin, and at 2 P M they crossed the southern portion of Talcott's mountain and reached Farmington, eighteen miles from Middletown, Saturday at 3 P M It rained most of the time. The historian of the trip states "We continued our course as if too proud of the appellation of soldiers to be conquered by adverse winds and rain The cadets were entertained at the homes of George Cowles, Col. Gad Cowles and Maj William L Cowles On November 2 the detachment left Farmington at an early hour, passed through Burlington Harwinton, over Chestnut Hill, reaching Litchfield at 3 P. M, having marched that day twenty-two miles Several cadets were entertained by M S Deming and the remainder of the detachment was entertained by the inhabitants. November 3 the detachment left Litchfield at 12 o'clock, passing through Warren to the Housatonic River, reaching Sharon at 5 P M, having marched a distance of twenty miles that day

The detachment was hospitably entertained by the inhabitants November 4, the detachment left Sharon at 7 A M. The weather was very disagreeable, the mud had frozen in the roads, making the walking very laborious, yet the historian states, "The cadets averaged five miles per hour on the march" They passed through Ansonia, Washington, Pleasant Valley, reaching Poughkeepsie at 1 15 o'clock P M, having been six hours and fifteen minutes walking thirty miles At 5 P M they took the steamboat *Saratoga* for West Point, reaching their destination at 8 o'clock P M Sunday, November 5, the cadets inspected the grounds and buildings of the U S Military Academy and attended chapel The number of cadets at the U S Military Academy at this time numbered 250, while the attendance at the "A L S. & M" was 287. At 3 o'clock P M, the detachment took the steamboat *New Philadelphia* for New York, reaching their destination at 7 30 P M The cadets were entertained at Tammany Hall and Washington Hall

Monday, November 6, the cadets visited various places of interest in the city and at this time, Mr Browere, the American artist, finished the bust, *en militaire* of Captain Partridge, which was to be placed in his National Gallery At 4 P M. they took the steamboat *Macdonough*, for Middletown Owing to a dense fog the boat was detained several hours in one of the

inlets of Long Island Sound. The "Academy" was reached at 10 o'clock A. M, November 7. Six of the cadets, A C Antill, H. L. Barnum, W. J. Bennett, L J Gourdin, B F Patten, and E A. Phelps, walked from West Point to New York. They reached Poughkeepsie, eighteen miles below West Point at 7 P. M The next morning, November 6, they crossed the Hudson in a row boat, visited Stony Point, passed down the Hudson through Tappan, and at 5 P M they reached Herrington, Bergen County, N J., where they stayed that night At 9 A M, November 7, they left Herrington, reached Hoboken at 4 P M, and New York City at 4 30 They took the steamboat for New Haven on the morning of the eighth of November, and from New Haven proceeded by stage to Middletown, reaching the "Academy" at 10 P M

On December 4, 1826, a detachment of cadets numbering eighty-two men left Middletown at 1 o'clock P M, on the steamboat *Oliver Ellsworth*, for New York, where they arrived early the next morning The detachment was escorted to Washington Hall by the Tompkins Blues, under command of Captain Tompkins The cadets remained in the city until December 7, the time being spent in visiting the various places of interest At noon on the 7th, the cadets were escorted to dock by the Tompkins Blues and embarked on one of the Union Line steamers for New Brunswick where they arrived in the early evening The forenoon of the 8th was spent in visiting the town and at noon they took stages for Trenton, where they arrived in the early evening. They were hospitably entertained by the citizens The next morning they took stages for a point down the line six miles distant from Trenton, where they embarked on the boat that was to convey them to Philadelphia They landed at the Northern Liberties, and were escorted to the United States' Hotel, situated near the center of the city, by the Washington Greys, under command of Captain Childs

On Sunday, the 10th, they attended divine worship, in the morning, afternoon and evening On the 11th, they visited by invitation the U S Mint, the Academy of Fine Arts, the Navy Yard, and in the evening the Museum On the 12th, the detachment was marched under arms to the Fairmount Water Works, where an examination was made of the engineering works Other places of interest were visited, and in the evening a ball was given in their honor by the Washington Greys at the Masonic Institution. At 11 A. M. on the morning of the 13th the cadets were

escorted from their quarters by a detachment from Colonel Smith's regiment of volunteers, and by Captain Childs' company of Washington Greys, to the steamboat landing, where they embarked for Frenchtown. At this place they took a steamboat for Baltimore, where they arrived in the early morning. They marched to the Indian Queen Hotel At 9 A M they marched to Fort McHenry, where an inspection was made of the fortifications. Then they marched to the residence of the Hon Charles Carroll, the only surviving signer of the Declaration of Independence Captain Partridge, in introducing the cadets said, "These, Sir, are my pupils" Mr Carroll gave the cadets a hearty welcome and in his speech stated: "In you I see the future defenders of my country"

In the evening the cadets visited on invitation, the two museums

At 11 A M on the 15th they were invited by Mr Barnum, proprietor of the City Hotel, to a sumptuous dinner at his hotel, where the cadets met many of the leading citizens of the city In the afternoon the cadets were escorted to the city limits by a detachment of the 5th regiment under command of Major Finley, where they took coaches to Washington They stayed that night at Rossburg and at an early hour began their march for the city Just before they reached the city, they were met by a corps of cadets from the Georgetown Gymnasium, under the command of Capt Cobb, and were escorted to Williamson's Hotel, where they made their headquarters while in Washington On December 18th, the corps called on Maj Gen Brown at his residence and were hospitably received and there met many of the officers of the United States Army Then they marched to the National Capitol, where some time was spent in inspecting the various departments. On the 19th they marched to the White House and were cordially received by President Adams On the 20th the cadets attended the annual commencement of the Columbian College and in the evening attended the President's levee On the 21st the corps paid their respects to Mr Barbour, Secretary of War, who received them in an eloquent address He spoke at some length on the importance of military training and complimented Capt Partridge on the work he was doing He stated "Your superintendent, gentlemen, has consulted the best good of his country in establishing his system on a permanent footing, and I mean no flattery when I say he is deserving the gratitude of his country for his persevering labors for its benefit"

On December 22d they waited on Vice-President Calhoun who received them very cordially, and expressed his gratification in witnessing a corps of citizen-soldiers in preparation for the varied duties of life They then inspected the United States Navy Yard and other places of interest On December 23, they visited Mount Vernon on the invitation of Judge Washington, nephew of Gen George Washington, and proprietor of the estate They left Washington at 9 A M on a steamboat generously provided for the occasion by the citizens of Georgetown They were accompanied by Capt. Cobb and his corps of cadets, several U S Senators and Representatives, army officers and prominent citizens of Washington The corps was then formed in double ranks and to the solemn beat of the death march, with arms reversed, proceeded to the tomb where Judge Washington delivered them a brief address on the life and character of Gen. Washington He exhorted the cadets to live good and useful lives He was rejoiced to find that the cadets were residents of sections of the Union so widely distant, as it gave him the opportunity of impressing upon their minds the necessity of sacrificing local feelings, and uniting in all measures, where the general interest of the nation was at stake After his address the corps fired three volleys over the last resting place of the "Father of our Country" Capt. Partridge responded and gave a brief outline of the political situation of the country in Washington's time The vault was opened, and each one was allowed to view the place that contained the mouldering remains of the greatest and best of men

At 3 P M they returned to Washington December 25 was spent in visiting the Typographical Office, Patent Office and other places of interest, and in the evening they attended a ball in Georgetown, given by the "Citizen-Soldiers," in their honor December 26, the corps was disbanded to return to their respective homes, before the opening of the Academic term, January 15, 1827.

In July, 1827, an extended march was made to the Niagara Falls, N Y We give the account of the march from the pen of Luther R. Marsh, written in 1897, seventy years after the event he describes took place

"While I was at the "Academy," the cadets as a body made several excursions, the most extensive being a visit to Niagara Falls. We went by steamboat, by canal boat, and by the 'foot' line I recall distinctly the fifteen miles' march from Schenectady to

Albany One day Captain Partridge had business at some place which held him over, while we went on, so that the next morning we started with one day's march between us About noon, the cry was raised along our straggling ranks, 'Old Pewt is coming' The nickname had been given him because his signature looked as much like 'Pewter' as anything else Sure enough, as we looked back, we saw him coming. I remember it as forcibly as if I had not recovered from the fatigue of the march With his scabbarded sword under his arm and a plume in hand, he passed me as a steam car would go by a canal boat At night, we found him on arrival, at the place of rendezvous At New York we were received as the guests of the 'Tompkins Blues' and treated with the highest consideration That regiment still survives in its successor, into which it was merged,—the Old Guard, so long commanded by the late George W McLean

"At Rochester, my uncle, Josiah Marsh, a resident there and noted for his wit, inquired of some cadets for me, and being told 'He looks like you,' replied jokingly, 'Yes, he is very bright' We formed a hollow square in some public grounds and Congressman Barnard, a brother of my room-mate, gave this toast: 'Captain Partridge and his corps of cadets, the best substitute for a standing army in time of peace' At Black Rock we were most royally entertained, as we paused on our march from the Falls to Lewiston, at the mansion of General Peter B Porter. He was eminent for military services in 1813, at Chippewa and at Lundy's Lane, had received a sword from the Legislature at New York for his valor at Fort Erie, and a gold medal from Congress; had been appointed by President Madison as commander-in-chief of our army, was one of the projectors of the Erie canal, and an explorer of its route He was really the owner of Niagara Falls He was also a commissioner for settling our northwestern boundary, and was secretary of war under President Adams How little could I have then imagined that fifty-seven years thereafter I was to spend a summer at the Falls as chairman of a commission to estimate the value of the lands to be taken by the state for a reservation, opening the majestic cataract to the view of visitors from all parts of the world, whereas before, there was not a spot where an American could put his foot and see the plunge unless on payment for the privilege Of course, the noble monument erected by the British on the heights of Queenstown, in honor of General Brock, who was killed in the battle there in 1813, was an objective point of great interest to military students

We had an experience, not easily forgotten, with seasickness for two days and nights, as our steamboat in a gale dragged her anchor two miles an hour among the spiteful waves of Lake Ontario Our debilitated corps would then have been in a poor condition to invade Canada."

Captain Partridge states in the catalogue published August, 1827 —"On the recent excursion of the corps to Buffalo and the Falls of Niagara, they travelled a distance of thirteen hundred miles being absent about four weeks, and the expense of each twenty-nine dollars and fifty cents, or about twenty-one dollars more than would have been incurred for board, washing, etc, had they remained at Middletown during the same time

"Such cadets only will be required to go on these excursions as have the consent of their parents or guardians I am, however, convinced from many years' experience, as well as from the nature of the case, that there is no equal portion of time, during the whole year, in which members of the Institution derive more real advantage and are more improved, than while on these excursions. They then have an opportunity of seeing interesting parts of our country, of becoming acquainted with the people, and of acquiring a species of practical and every-day knowledge of the world, which can never be derived from books or in the closet They also have an opportunity of visiting and examining under the most favorable circumstances, our principal public establishments, such as navy yards, arsenals, fortifications, manufactories, also the great works of internal improvement, canals, railroads, bridges, etc, etc All the foregoing objects, and many others of lesser importance, have passed under the instruction and examination of the members of the Institution within the space of three years The mind, which is accustomed in early youth to contemplate and examine objects of such magnitude and importance, must be enlarged, informed and elevated On these excursions youths become accustomed to endure fatigue and privation, and also to take care of themselves, which I consider a very important part of education"

During 1821–27 there was only one vacation each year, which began the first Monday in December and lasted four weeks Beginning with 1828 there were two vacations each year The first began immediately after the examinations in May and lasted three weeks The second began immediately after the August examination and continued for five weeks

The expenses per year during 1821–25 were as follows Board

cost from $78 to $90 per year, tuition in all the regular branches excepting the Hebrew, French and Spanish languages, Fencing and Music, was $10 per quarter or $40 per year, the charge for extra branches was $5 per quarter for each, room rent, including use of arms and accoutrements, $10 per year Each cadet was required to furnish his bedding, the cost of the reading room was 37½ cents per quarter or $1 50 per year Students who remained for one or more years were received for two hundred and fifty dollars per year which included all the above expenses, and also the expenses for fuel, washing and mending uniforms, the use of books, instruments and bedding, every expense except for the Hebrew and French languages, Fencing and Music These branches were not considered as comprised in the regular course of education, and those who took these subjects were charged separately Each student on joining the "Academy" was required to pay one quarter's tuition and room rent in advance after which payment was required at the expiration of every quarter

In 1826 the tuition in the regular studies was $5 per quarter or $20 per year room rent $8 per year instruction in the extras, French, Spanish, Fencing Dancing Penmanship, Music and lectures in Botany, Chemistry and Mineralogy $5 per year for each, board, including washing and mending, $1 75 per week or $84 for an academic year of 48 weeks, making the entire expense for tuition, board and room rent, $117 per year

In 1827 the tuition, not including extras, was increased to $50 per year. Tuition for French, Spanish, Music, Fencing, Dancing, and the lectures was $5 per quarter, Penmanship $2 per quarter and incidental expenses $4 per year

The rooms of the students were military in their simplicity of equipment In Norwich from two to four cadets occupied each room The cadets were required to sleep on mattresses or straw beds and feather beds were prohibited The cadets took care of their rooms in rotation The furniture and equipment of each room was uniform Captain Partridge took every precaution to keep his "Academy" democratic The rich students were given no more privileges than the poor ones. No cadet was allowed to pay *more* for his board than the price fixed at the "Academy" The amount of clothing was restricted to the following schedule:

1st. Uniform coats, two for the first year, and not to exceed one for every nine months afterward

2d Blue pantaloons, two pairs for the first year, and not to exceed one for every nine months afterward

3d Blue vests, not to exceed one in each year

4th. Summer pantaloons, four pairs for the first year, and not to exceed two pairs for each year afterward

5th Summer vests, four for the first year, and not to exceed two for each year afterward

6th Shoes, not to exceed four pairs, and one pair of bootees for each year

7th Half gaiters, not to exceed one pair for each year.

8th Winter stockings, not to exceed four pairs for each year.

9th Summer stockings, not to exceed five pairs for each year.

10th Plaid great coats, not to exceed one in two years.

11th Uniform caps, one for the first year, and not to exceed one for every eighteen months afterward

12th Undress caps, not to exceed the number of uniform caps.

13th. Knapsacks, not to exceed one in two years

14th Stocks, not to exceed two for the first year and one for every year afterward

15th Pocket handkerchiefs four for the first year and not to exceed two for each year afterward

16th Fatigue frocks, two for the first year and not to exceed one for each year afterward

17th Fatigue trousers, two pairs for the first year and not to exceed one pair for each year afterwards

18th Letter paper, four quires for each year

19th Fools cap, four quires for each year

20th Quills, not to exceed two bunches, or four dozen, for each year

21st Candles, not to exceed one pound per month, from the 20th of March to the 20th of September, and two pounds per month the remainder of the year

22d Candlesticks and snuffers one of each during the time a cadet may be a member of the institution

23d Shoe blacking, not to exceed four bottles per year

24th Wafers, not to exceed two boxes per year

25th Penknives, not to exceed one in each year

26th Blank books, not to exceed one in each year for each branch of study which requires the use of one

27th. Inkstands and sand-boxes, one of each during the time a cadet is a member of the institution

28th. Ink, not to exceed two bottles for each year

29th Classical books to be regulated by the Superintendent according to the different branches of study in which the pupil is engaged

30th Fuel. The amount to be regulated by the Superintendent, from time to time, according to the severity of the weather

31st Drawing paper, and whatever else may be necessary for those attending to Topography, etc. to be regulated by the Superintendent, according to the circumstances of the case

32d It would be advisable for each cadet to bring with him such amount of linen as would be requisite for the first year, at least, after which he would be furnished with what was necessary, under the direction of the Superintendent.

The cadets were required to board at the "commons" unless special permission was given to board elsewhere The "commons" in the early years was, at times, no more popular than the "Mess Hall" of more recent years Many tales are told of "insurrections" of the cadets in being forced to eat at the "commons." Even the distinguished Horatio Seymour was suspended for a time for taking part in a midnight raid on the "commons"

The athletics of the early times were confined to the military drills, pedestrian tours, fencing, rowing, swimming and skating. Many of the cadets became experts with the foils and the broadsword The cadets took especial delight in skating on the Connecticut River and the story is handed down of the record made by Paul C Cameron in 1827 in skating fifty continuous miles on the river

The Greek Letter fraternities were unknown in the early days and it is doubtful whether Captain Partridge would have allowed their introduction in the "Academy" as being *too secret*, for a military institution Yet societies of literary nature were formed soon after the founding of the "Academy" A newspaper clipping gives an account of a public meeting given in 1823 by an elocutionary society Two societies existed at Middletown The "Polemic Society" was formed in 1825 by the faculty and cadets of the "Academy" and met at stated periods in the Lyceum Hall We also have a record of the "Franklin Society" On July 4, 1827, Cadet Thomas H Seymour delivered the Fourth of July oration in the Lyceum Hall before the cadets and many invited guests A meeting of the society was held in their rooms in the "Academy" July 7 1827 and a vote of thanks was given

Cadet Seymour for delivering the address, and a committee, consisting of W C Winchester, R S Rogers and J A McKaleb, was appointed to convey their thanks to him and to request a copy of the oration for publication The request was granted and the oration was published in November, 1827, by E and H Clark of Middletown, in a pamphlet of fifteen pages The oration was an able production and Cadet Seymour, though only a youth of twenty years, showed remarkable talent as an orator

Careful attention was given to instruction in elocution and oratory, and in these societies the cadets were enabled to put their instruction in practice The results of this practical work in the societies is well shown in the long list of cadets who were afterwards noted for their oratory and their public services We will only mention a few of the more prominent cadets Horatio Seymour, Governor of New York, Thomas H Seymour, Governor of Connecticut, Valentine B Horton, Congressman from Ohio, Philip Phillips, Congressman from Alabama, Luther R Marsh, the distinguished lawyer, Edwin F Johnson, the distinguished civil engineer, Thomas Bragg, Governor of North Carolina; Truman B Ransom, president of "Norwich University"; William A Beach, the distinguished lawyer of New York, Prof E B Williston, the distinguished author Theophilus Fisk, the distinguished lecturer, Gideon Welles, Secretary of the Navy.

At the close of the public examinations in August 1827, six prizes were given as follows. The first prize, a silver medal, was awarded George C. Powell of Virginia, for the best English oration, the second prize, a silver medal, was given to Joel H Tracy of Vermont, for the best poem, the third prize, a silver medal, was also awarded to Cadet Tracy for the best English dialogue; the fourth prize, a silver medal was given to Luther R. Marsh for the second best English oration, the fifth prize, a silver medal, was awarded to John H. Vance of Maryland, for excelling in declamation, and the sixth prize, a silver medal, was given Charles H Graham of New York, as one of the class under fifteen years of age excelling in declamation

In 1828 four silver medals were given for the best English oration, best English poem, best dialogue, and the best work in public declamation

A band was organized at the "Academy" in 1820 The cadet musicians were given their tuition for their services In 1823, Prof W W Bailey was given charge of the band and continued at the "Academy" until the removal to Middletown, Conn Prof.

T B Ransom had charge of the band during 1825–28, Edwin Sturtevant, in 1828, succeeded Ranson as the band leader

The band led the corps on the various marches and played at the various "Academy" entertainments, also at several public celebrations.

The *Middletown Gazette* of Middletown, in an editorial, June 22, 1826, gave the band, under the leadership of Prof Ransom, a compliment for their fine work at a Masonic celebration held in that city.

Several musicians of note were educated at the "Academy," among the number were Truman B Ransom and Edwin Sturtevant

So far as known only three deaths occurred at the "Academy."

Thomas Hurlbut was the first cadet to die at the Institution The funeral services were held October 27, 1821, in the Congregational church The funeral sermon was preached by the Rev Rufus W Bailey, chaplain of the "Academy" After the funeral exercises were held, a procession was formed in the following order First, music, second, escort of cadets with arms reversed; third, the body accompanied by the pall bearers, fourth, the chaplain of the Military Academy, fifth, the attending physicians sixth, the relatives and friends of the deceased, seventh, the professors and teachers of the Military Academy, eighth, the corps of cadets in uniform with side arms; ninth, officers of the army and navy, tenth, officers of the Volunteer Corps and Militia, eleventh, inhabitants of the village twelfth, inhabitants of the vicinity and strangers The procession led by the cadet band playing a funeral march, proceeded to the cemetery, where three volleys were fired over the grave The following cadets acted as pall bearers William A. Sullivan, C R D Wingate, John Bell, A. G Fletcher, Matthew Brennan and George L C Davis. A detachment of cadets numbering twenty-three, acted as an escort

Ralph A Wikoff of Opelousas, La, died February 13, 1826, aged nineteen years and three months A military burial was given him The services were held in the Presbyterian church, where an eloquent funeral sermon was delivered by the Rev Walter Colton, chaplain of the "Academy" The members of the Polemic Society acted as pall bearers The corps of cadets wore crape on their arms for a period of thirty days A committee of cadets consisting of T Fortier, G A Mills, J. W. Pitt and J McKay were appointed by the corps to draw up resolutions on his death. An obituary notice in French was published in the *Middletown Gazette* of March 1 1826

Daniel Polhemus of New Brunswick, N J, was the third cadet to die at the "Academy" His death occurred April 13, 1826

From 1820–25 one public examination was given each year, beginning the third Monday in August and continuing for at least nine days During 1825–34, two public examinations were given each year. The first commenced on the first Wednesday in May and continued at least nine days The second commenced the last Monday in August and continued two weeks Private examinations were given every Saturday A board of visitors consisting of seven members attended the examinations in August and reported on the work of the cadets The annual examinations in August corresponded to the college commencement exercises. As was stated elsewhere, the cadets did not graduate as in the colleges, but received their certificates when they had completed the "Academy" course. The first public examination, of which a record has been preserved, commenced Monday, August 11, 1823, and continued until August 20

On Monday, August 18, a very elaborate programme was given Captain Partridge delivered a lecture on "The Operations of the English and French in Spain and Portugal in 1810, under Command of Wellington and Massena", a Latin oration, by Cadet John Charles Phillips of Boston, oration, by James S. Wallace of Boston, "Conference," "Present Contest between France and England," Edwin F. Johnson and Elisha Dunbar, oration "Scientific Geography," John Holbrook, oration, Calvin P. Newton, dialogue, "The Reclaiming Sin," Joseph D Allen, Charles Ball, Charles B Reese, Edward Woodbridge, Albert Parker, Robert E Temple, oration, Valentine B Horton; oration, Benjamin M. Tyler, Greek oration, Francis C Loring, lecture by Captain Partridge, "Campaign of the French in Russia in 1812" Exhibition drills were given.

In the evening a programme was given by the cadets of the class in elocution, which was followed by an extensive display of fire-works On Tuesday, August 19, Captain Partridge gave his lecture on the "Battle of Waterloo" and "Education" The examinations were ended by a ball given by the cadets A number of prominent citizens of Vermont and New Hampshire were present, among the number being Governor Woodbury of New Hampshire and Lieut. Governor Brigham of Vermont

In 1824 the annual examinations were held August 9–16 We give the account of the exercises from the following letter

written by George M Totten, later the distinguished engineer of the Panama R R , to his sister in New Haven

NORWICH, VT , MILITARY ACADEMY,

August 18, 1821

DEAR SISTER

Having just recovered from the fatigues of examination, I take up my pen for the purpose of writing a few lines to you, in answer to your letter, which I received with a great deal of pleasure

I shall give you a short account of proceedings during examination, which is as follows --Monday, the 9th, being the beginning, the examination in Mathematics was begun, continuing three days,—though there were short examinations in physiology on the 12th, then the examinations in Geography and Latin were commenced on the 13th then came the Greek that was commenced and finished on the 14th, after which the French was begun and ended on the same day,—a short parade being formed both morning and afternoon of every day

On Monday, at half past seven in the morning, a parade was formed which continued about an hour and a half, at 10 o'clock A M , a military lecture was delivered by the Captain in the meeting house, at two o'clock P M a class consisting of about thirty cadets chosen from the whole, were examined in fortification generally and also on military tactics At 4 P M a lecture was delivered by the Captain on "Subordination," at 6 o'clock P M , a parade was formed, which finished the day's duties

On Tuesday, the 16th, a parade was formed at 7 30 A M , which continued an hour and a half, after which Gov Morrill of New Hampshire was escorted into the village by the Corps, and the Corps was reviewed by him, at 10 o'clock another lecture was delivered by the Captain, at 11 o clock A M , an exhibition of speaking was given in the meeting house, which consisted of the following pieces,—First Music by the Amateur Band, Second Prayer by Mr Warden, Third, "Speech of Rolla' by Cadet Brisbane, Fourth, English Oration, "The Necessity of Supporting the Colonization Society," Cadet W Marshall, Fifth, "French Dialogue" by T Sedgwick F Brinkerhoff, J E Morse, Sixth, Music, Seventh, English Dialogue, "The Happiness and Misery of Human Life," Cadet W D. Gourdin, W H Brisbane and J Broughton Eighth Greek Oration, "The Past and Present State of Greece" Cadet J H Tyng, Ninth, English Oration "Education," by Cadet E F Johnson tenth, Music, eleventh, French Oration, 'Slavery,' by Cadet William Parker, twelfth, Poem, "The Dirge of Byron," by Cadet J S Wallace, thirteenth, English Oration and Address, "A Strict Union Between the Different Sections of our Country Necessary to the Permanence of our Institutions," by Cadet V B Horton, fourteenth, Music

At 2 o'clock the Military exercises of the Cadets commenced, and at half past four a lecture was delivered by Captain Partridge At half past eight P M a ball was given by the Corps of Cadets, which was largely attended by a great concourse of people and continued until half past three the next morning

The ball room was very large and hung with evergreens and the flag belonging to the "Academy" with some other ones

Thus ended the examinations, all the cadets as well as the Captain himself being very tired On the 17th there was not any duty, all the Cadets having permission to go to the Commencement at Hanover, but today our duties have begun as usual

Your affectionate brother,

G M TOTTEN

The fifth anniversary of the founding of the "Academy" was celebrated September 12, 1825 At sunrise a national salute of twenty-four guns was fired by the battery at the "Academy" At 11 o'clock, the Hon S W Dana, mayor of Middletown, delivered an address from the steps of the main Academy building After the address another salute was fired A procession was formed by John L Lewis, Esq Marshal of the day, in the following order

Detachment of cadets under command of Capt Partridge

Military companies, under command of Major Platt, consisting of Capt Sill's Artillery, Lt Commander Tibbal's Rifle Company of Middletown, Capt Lewis' Rifle Company of Chatham; Capt Campbell's Light Infantry of Chatham

The corps of cadets

Officers of the "Academy."

The Clergy

Officers of the U S Navy

Mayor, Aldermen and Common Council

Trustees

Citizens

The march led through High, Washington and Main Streets to the Congregational Church, where the exercises consisted of music by the choir, prayers by the clergy, and an excellent and appropriate address by E B Williston, a professor of the institution After the conclusion of the exercises in the church the procession was again formed and proceeded through Main and Church Streets to the "Academy" where a salute was fired by Capt Sill's company of artillery The federal salute of thirteen guns was fired In the evening an elegant display of fire-works was made from the elevated ground on which the buildings were erected A ball, given by the cadets, which was numerously attended by the taste and fashion of the city, terminated the festivities of the occasion

We quote from the *American Sentinel:*

"The cadets present amounted nearly to 250 Those under arms were completely equipped, and made a very martial and elegant appearance, considering the short time that the greater part of them have been under the care of Capt Partridge, their proficiency in military exercise is highly creditable both to the Superintendent and to themselves"

The first semi-annual examination was held May 7 to 16, 1826 On Monday the 14th, the corps marched to the Congregational Church and after a prayer by the Chaplain, the Rev. Walter Colton, Prof Valentine B Horton, '25, adjutant of the Academy, delivered an address An original poem was read by Cadet Joel H Tracy In the afternoon the cadets gave an exhibition in fencing, the use of the broad sword, under charge of M P Thomas, the sword master On Tuesday A M, May 15, were given the infantry drills, and in the afternoon, orations were delivered by the cadets in the Hall of the Lyceum at the "Academy."

The second semi-annual examination was given Aug 28 to Sept 8, 1826 The exercises were concluded by the celebration of the sixth anniversary of the founding of the 'Academy," Sept 10 to 12, 1826 At 9 A M Monday September 10, the corps, accompanied by the trustees, faculty and many distinguished guests, marched to the Presbyterian Meeting House where the following program was given Oration in Latin, "Mental Discipline," by Cadet Randolph Coyle, oration, "Character and Cromwell," J M Bryan, oration, "Claims of the Aborigines," Philip Phillips, oration in Greek, "Study of the Greek Languages, ' by Henry Van Rensselaer, oration, ' The Influence of an Individual Devoted to the Interests of his Country," C K Pritchatt, oration, "Ireland," J E Morse, oration in French, "Great Events Produced by Trifling Incidents," J H Graham, a dialogue scene between Dr Franklin and Lord Howe, by Joel H Tracy and P Phillips, oration, "Character of Adams and Jefferson," J. McKay. The cadet band furnished music

At 6 P M a parade was given when the national salute was fired In the evening a drama, "Tiaconi" written by Rev Walter Colton for the occasion, was presented in the "Hall of the Lyceum" by the members of the Polemic Society (q v) to a large assembly of people The cadet band furnished the music We give the cast of the play

DRAMATIS PERSONAE

PROLOGUE

Traconi,	Prince of Venice
Rodrigo,	General-in-chief of the Venetian Armies
Toscar,	A Rebel General
Gonaldier,	Chieftain of the Foresters
Rinaldo,	An old soldier

EPILOGUE

Scene—Venice

A large number of distinguished people from various sections of the country attended the examinations and anniversary exercises

We quote from the *Middletown Gazette*

"Our city exhibits a scene of unusual activity It is crowded with strangers who have come here to witness the examination of the cadets of the Military Academy The Public Houses are insufficient to accommodate them and a fine opportunity offers itself to the citizens to exercise their accustomed hospitality Many people who had planned to attend have been unable to do so for lack of accommodations We have just cause to be proud of this institution. There is no other in the United States that enjoys a wider patronage. Its members are from almost every state and a number of young gentlemen have recently arrived from the West Indies to enjoy the advantages it affords. We can without exaggeration say this, although in its infancy as it were, it has become an ornament to our State and Country."

At 9 A M September 12, a parade was given, then a battalion drill, firings, an artillery drill, and a guard-mount at 2 P M Capt Partridge delivered an address in the Presbyterian Church at 4 P M An exhibition of sword exercises and fencing was given at 5 P M and a dress parade at 7 P M

The anniversary of the Independence of the United States was celebrated in Norwich in 1821, 1822 and 1824

In 1823, the cadets took part in an elaborate Fourth of July celebration in Windsor, Vt The corps was entertained by the citizens of that town They took part in the parade and gave several exhibition drills

At the banquet among the many toasts given was "The Norwich A L S & M Academy: Industry and perseverance in the cause of science, may they be crowned with abundant success" Capt Partridge responded in an eloquent address

At the celebration held in Norwich, July, 1824, the following programme was carried out In the forenoon Captain Partridge read the Declaration of Independence, Cadet J S Wallace delivered an oration on the "Temple of Freedom" Orations were made by Cadets Elisha Dunbar, H P. Woodworth, J. D. Allen and V B Horton The cadet band under the leadership of Prof W W Bailey furnished the music A banquet was served in the Mansion House Thomas Emerson presided and Capt Partridge acted as toast master Capt Partridge responded to the toast "The A L S & M Academy Wherever it may be planted may its advancement, the sciences and virtue be the leading object of the superintendent" We give the other toasts in full

1st The day which we celebrate May we hail it with shouts of gratitude to that Being who rules the destinies of nations

2d The memory of Gen George Washington. When we forget to appreciate his worth, his virtues and the liberty and independence we enjoy, won by his arm, may our hearts cease to vibrate

3d The statesmen, soldiers and patriots of the Revolution The present prosperity of our nation is their best eulogism

4th The Constitution of the United States May we transmit it as a legacy to nations yet unborn

5th Agriculture, Manufactures and Commerce May our national government still continue to nurse and foster them until they shall become superior in wealth power and fabric to those of any other nation on the globe

6th The Militia of the United States Always ready to protect the rights and liberties of their country

7th The Army and Navy of the United States Their achievements in the last war (War of 1812) afford the strongest evidence of their valor and patriotism

8th The President of the United States a soldier, patriot and statesman When he retires from the helm of government may his services and virtues be remembered with gratitude

9th The Congress of the United States The most intelligent and dignified body of legislators in the world

10th The clergy May their examples and precepts be in conformity to the holy religion they profess

11th The Marquis de Lafayette May every day he may be with us be a day of gratitude and joy, and every step down to his grave be strewn with flowers When the knell shall toll for the last departing hero of the Revolution, may it then be but the morning of the glory of our country

12th The Colonization society May a rivulet become a river, deep and broad, to float to Africa the blessings and from us the curse

13th. The fair of our country Virtue is their brightest ornament They, only, can vanquish the brave

In 1824, Captain Partridge determined to move the "Academy" from Norwich The reasons for making a change of location are not fully known The "Academy" was continually growing and in every way prosperous He was desirous of locating on the seashore No doubt he felt that a location by the ocean would bring him many naval officers and students desiring commissions in the navy There was at this time no government school for training officers for the navy There was an urgent demand for such a school and possibly Captain Partridge intended to add a naval department to his Academy He gave during 1820–24, a very complete course in navigation and seamanship and several officers had already availed themselves of the instruction offered at the "Academy" He was progressive and ever on the alert to give instruction that should be of practical use to the young men of the country

In 1824, the Episcopal church founded Washington University, now Trinity, at Hartford, Conn There was a great strife between the cities of New Haven Hartford and Middletown to secure the location of the college On May 6, 1824, the trustees of the college met in New Haven and voted to locate in Hartford This action of the Board was a great disappointment to the citizens of Middletown as it was felt that the college would be located in that city

The following editorial from the *American Sentinel* of Middletown, under date of May 12, 1824, well shows the feeling of the people of that city.

"The decision is not such as was expected—it was fondly anticipated that it would be located here It is stated to us as a fact that the subscriptions of Middletown exceeded those of

Academy at Middletown.

Hartford by several thousand dollars The reason for their decision in favor of Hartford we do not learn Instead, however, of repining, which will avail us nothing, let us cheer up It is said that Captain Partridge, Principal of the Military Academy in Norwich Vt) is desirous of removing near the seaboard. Let us then, make him a handsome offer with a part or the whole of our subscriptions as an inducement for him to remove his Academy and Cadets (of which it is said he has 140.) By so doing our labor of obtaining subscriptions would not be lost, and we should moreover derive an immediate advantage We could then more willingly permit our good neighbor of Hartford to fire their 'big guns' and burn their tar barrels''

Negotiations were soon begun by the citizens of Middletown with Captain Partridge to locate in that city It is stated that largely through the influence of Commodore Macdonough of Middletown, Captain Partridge was finally induced to locate in that city. There was much rejoicing in Middletown when it was finally settled that the "Academy" would be located there

The following editorial printed in the *Sentinel* of Middletown under date of September 8, 1824, well shows the spirit in which the "Academy'' was welcomed to that city

"We congratulate our fellow citizens and the public in general on the final determination of Capt Partridge to transfer his Military Academy from Norwich (Vt) to this place, during the next summer. A gentleman in this city, we are informed, has already contracted to erect the necessary buildings and have them in readiness for the reception of the School, by the 4th of July next It has our best wishes for its prosperity and we have no doubt, from the very many advantages which this city combines over every other place in this State, an Institution of the above description, under the guidance and superintendence of so able an instructor as Captain Partridge, cannot fail of success''

Early in 1824, Mr Nehemiah Hubbard deeded to John Hinsdale, Elijah Hubbard, John Alsop, trustees of the "Academy'' thirteen acres of land situated as follows Bounded easterly on High Street, southerly on lands of Hinsdale, late owned by Ebenezer Tracy, Israel Bailey, Benjamin Brown, Mary Corby, Sarah Arnold, and the heirs of Robert Rand westerly on land of the heirs of said Robert Rand and on highway, and northerly on land of Simeon North being the same land which was conveyed in trust by the said————and others to the said Hinsdale, Hubbard and Alsop

In September, 1824, the construction of the main building was begun under the superintendence of James L Lewis of Middletown The corner stone of the main building was laid with Masonic and Military honors, Wednesday, Oct 27, 1824 A long procession was formed in Main Street, consisting of Captain Gilman's Company of Light Artillery of Middletown and Captain Clark's Company of Light Artillery of Haddam, a number of citizens, the members of St John s Lodge, No 2, and the Brethren of neighboring lodges under the direction of Capt. J Bound, chief marshal The procession proceeded up Washington Street, thence onto High Street as far as the lot at the head of Parsonage Street, where the "Academy" was to be erected The Masonic ceremonies of laying the stone were performed by J Lawrence Lewis, Esq

The Hon S W Dana delivered an eloquent address well suited to the occasion, in which he pointed out the great advantages of Captain Partridge's method of education The introductory prayer was made by the Rev Mr Crane, and the concluding one by the Rev Mr Noble At the conclusion the artillery companies fired a salute on the spot where the buildings were being erected The display was imposing and a large concourse of people were present.

In May, 1825, the "Academy" was incorporated by the State of Connecticut as the American Literary, Scientific and Military Academy with John Hinsdale, Elijah Hubbard and John Alsop as trustees The money for the erection of the buildings was raised by issuing shares of stock valued at $30 each In August the buildings were completed These buildings were constructed of brown sandstone from the quarries in Portland The "Barracks" was four stories high, 150 feet long and 52 feet wide, with a large attic and basement Halls extended the full length of the building The "Lyceum" was located 20 feet south of the Barracks, was three stories high, with a basement partly above the ground At the front of the building was a tower 14x16 feet and 73 feet high

The basement floor was used for an arsenal and laboratory and the first and second floors for class rooms, the third floor called the "Hall of the Lyceum" was used as a chapel, drill room, and for public services. A boarding hall, built in 1825, as a private enterprise, was located nearly in line with William Street and some distance back of High Street, facing the north. It was a brick building, 150 feet long, 50 feet wide,

two stories high with basement The basement was used as a kitchen, the first story as a dining hall and the second story for the officers' quarters Two guard houses, built of brown stone, each ten by twelve feet, were located on either side of the High Street entrance leading to the Barracks In 1826, Captain Partridge built with his own funds a gun house about seventy-five feet west of the Barracks The building was constructed of brick, was 55 feet long, 30 feet wide and two stories high, and faced toward the east. The cannon, four six-pounders, two twelve-pounders and one eighteen-pounder, were stored here The original plan of the buildings called for another building the size of the Barracks to be located south of the Lyceum making a group of three buildings This building was not erected owing to the removal from Middletown.

There seems to be some doubt as to the date the "Academy" was closed in Norwich, Vermont The catalogue of 1827 gives the date as April 1, 1825, and the Prospectus of 1828 as August, 1825 The later date is, no doubt, the correct one, as we know the "Academy" was opened for the reception of students in Middletown, August 22, 1825. In May, 1826, Captain Partridge petitioned the Legislature of Connecticut "for the power to confer degrees, award diplomas, and raise by lottery $40,000 for chemical, astronomical and philosophical apparatus, and for a library and buildings." The chartering of the "Academy" was opposed by the leading educational institutions of the state. The colleges were jealous of the growing popularity of the "Academy" The clergy opposed the charter, as Captain Partridge gave military training, but the real opposition from them was due to the lottery question involved The Middletown papers of the time stated certain churches tried to have lottery schemes chartered by the Legislature, which were not allowed, hence the opposition to Captain Partridge.

We give the editorial printed in *The Sentinel* of Middletown, June 7, 1826

"It is to be regretted that the members of the House were so indifferent to the reputation of the State, so unwilling to add to the means of education, and so loath to aid an Institution so valuable and so important as that of Captain Partridge's, as to refuse to grant the petition for a lottery to raise funds for the A L. S & M Academy, located in this city—an Institution which not only bids fair to add, but has already added *no little* to the reputation of our State, distinguished as she is for her literary

and scientific Institutions. Although justice has been thus denied to an Institution every way deserving and entitled to it, yet we cannot but hope, that the time will come, when the House of Representatives of this State will extend a liberal hand to this Institution" The Senate granted the lottery without an opposing vote.

In May, 1827, Captain Partridge again petitioned the state for a charter without the lottery scheme, but was unsuccessful Captain Partridge on his removal to Connecticut encountered great opposition from educational institutions in that state, and the clergy

In May, 1828, he withdrew his petition from the legislature in disgust We quote from the Memoir of Edwin F. Johnson

"It is difficult at this day to imagine such illiberality The very records provoke laughter mingled with regret, when we read the flights of rhetoric delivered before that august body (the Legislature) and learn that men of sound sense were actually swayed by them"

Edwin F. Johnson writes.

"The growing popularity of the system pursued by Captain Partridge aroused their fears and produced a determination, apparently, to bring the institution at Middletown, and the system itself, to disrepute Their efforts had for some time been manifest, and to accomplish the object it had been called an 'Infidel Institution,' and much was said of the mischief and danger to the country of cultivating a military spirit, etc The institution being a private one, managed and controlled entirely by Captain Partridge, it was desirable to put it on a more permanent footing To this end application was made to the Legislature of Connecticut to give it a corporate character, with a board of trustees and collegiate powers Two successive attempts to obtain those privileges, fully justified by the number of young men and the course and character of the instructions, failed The young men of the institution were styled *Janizaries* in the halls of Legislature, and could not have been worse spoken of if they had attempted by fraud or violence to plunder the treasury of the State All that could be obtained from the State for the benefit of the Institution at Middletown was merely a few muskets for the use of the cadets, which were to be returned when called for, and bonds given accordingly

"Under these circumstances, and urged by the inducements held out in other places, Captain Partridge determined to desist from any further effort on his part to continue the Institution at this place, and in consequence a new arrangement was made"

In 1828 a reorganization of the "Academy" was made. Captain Partridge retired from the active management, but was continued as the president, Valentine B. Horton, '25, and Edwin F. Johnson, '25, took the active management, Mr Horton served as superin-

tendent. A board of trustees consisting of George W. Stanley, John Alsop, Elijah Hubbard, Nathan Starr, William L. Storrs and S. D. Hubbard, was appointed by the corporation of the "Academy" to assist in the management. During 1828–29 the same difficulties and same narrow-minded opposition was encountered and Professors Horton and Johnson retired from the "Academy" and the buildings reverted to the corporation.

At this time the Methodist Church was considering the founding of a college. The Rev. Laban Clark, D. D., a prominent Methodist clergyman, learning that the "Academy" buildings were vacant, suggested to the New York and New England conferences that the property be secured. At a meeting of the trustees of the "Academy" held in Middletown, Conn., July 14,

The Academy in Middletown.

1829, it was voted to confer with a committee of the Methodist Church of America for the sale of the buildings for the purpose of founding a college to be known as the Wesleyan University. After some negotiations the property was bought by the church for $5,000 and the old "Academy" buildings became the property of Wesleyan University. The property was deeded to the trustees of Wesleyan University December 20, 1833. The Methodist Church of New England owes much to Captain Partridge, as in all probability, the Methodist College would not have been located in New England, except for the remarkably low price of the buildings of Middletown.

On Monday, June 4, 1827, Captain Partridge opened a preparatory school in Norwich in the "Academy" building. Mr. J.

McKay, a graduate of the class of 1825 and instructor of Mathematics 1825–26, was appointed principal

We quote from the Prospectus

'The particular object in view will be to make it a primary school where youths can be admitted at an early age and be correctly and thoroughly instructed in the elementary branches of learning, and carried forward in them so far as their ages and other circumstances will permit The following branches of study and instruction will be included in the course of education at this institution viz The reading writing and spelling of the English language, English Grammar and Composition, the Latin, Greek, French and Spanish languages, Arithmetic and the higher branches of Mathematics so far as the ages of the pupils will permit, Elocution, Geography, History, Bookkeeping, the Elements of Natural Philosophy, including Astronomy, to be taught by familiar explanatory lectures, a complete course of Military Exercise and practical Military Duty, including the elementary branches of Military Science, taught also by lectures, the Sword Exercise Music and Dancing The parents and guardians will be allowed to select the branches to which their sons or wards are to attend The organization of the Seminary will be strictly military, and the cadets will be required to go through a regular course of practical military duty and instruction The military duties and exercises will be attended at such times as would otherwise be spent either in idleness or devoted to frivolous and useless amusements; they will not encroach in the least on the regular studies, but on the contrary, by filling up the vacant hours with a regular, manly and healthful exercise, both the body and mind will be in a state of constant improvement The strictest attention will be given to the health, manners morals and personal deportment of the cadets, they will constantly be under the personal inspection of the Superintendent and officers of the institution, will in no case be permitted to associate with low and vulgar company, nor to leave the Academic enclosure without special permission, unless on duty or to go to their meals

"The cadets will be required to wear a uniform dress, which will be the same as that worn by the cadets at the Seminary at Middletown The clothing can all be furnished at the institution at established and very reasonable prices, or the cloth and other materials can be furnished by the parents or guardian and the work done at the institution where excellent workmen will be provided and the work executed on moderate terms The books, stationery, bedding and all the necessary articles will be furnished at the institution on very reasonable terms It will, however, be optional with those who place students at the Seminary, to furnish themselves with any, or all the necessary articles or to have them furnished as above stated Youths will be received at as early an age as eight years, and none will be admitted who are more than fourteen, unless it should be a limited number of young gentlemen whose manners and moral deportment should be so correct and unexceptionable as to render them fit models for the younger pupils to copy A few such would be considered an advantage to the junior classes and to the institution It will readily be perceived that this seminary is intended to be one in which youths may be placed at a very early period of life, before their habits are formed, where, while their physical powers are fully developed and constitutions con

exercise, the morals will also be guarded by every possible means, and this, at an expense not greater (probably less), than is incurred at most of the respectable academies in the country

"This seminary is designed more particularly for preparing youths for admission into the institution at Middletown, and it would be highly advantageous for every youth within the prescribed age, who is destined to enter that institution, to spend one or more years at this Youths can also be well prepared for admission into the Military Academy at West Point, and also for admission as freshmen into any of our colleges or universities

"Norwich is one of the most beautiful and pleasant villages in New England It is located about half a mile west of the banks of the Connecticut, and at an elevation of about 170 feet above its surface It is one mile from Dartmouth College, eighteen miles above Windsor, and one hundred and eighteen from Boston The approach is easy and pleasant by means of excellent stages, which run three times a week in various directions It is reached from Middletown, Boston and Albany in two days, and from New York in three days For health, it is second to no village in New England The assertion is believed to be fully substantiated by the fact that during the whole time (four and a half years) that the American Literary, Scientific and Military Academy was located there, sickness was scarcely known among the members The society is moral and refined

"Captain Partridge is fully convinced that the seminary will be particularly well adapted to the education of the youth of our large cities and also those of the southern states, where they can, with perfect safety and without requiring any particular care or attention from their parents, pass their earlier years, and be well prepared for the active duties of life, or for admission into any higher seminary

"Captain Partridge is particularly desirous that all those youths, within the prescribed ages who are destined to become members of the institution at Middletown, should previously be entered at this seminary, where they should pass one or more years, after which they would be transferred for the completion of their education.

"The quarters are brick, spacious, airy and handsomely finished The parade ground is a beautiful plat, surrounded by an elegant enclosure, eight feet high, which separates it entirely from any communications with the village

" Gentlemen desirous of placing their sons or wards at this institution are requested to apply to Captain Partridge by letter, at Middletown, Connecticut, where the names of the applicants will be registered The number that can be received will necessarily be limited by the accommodations

"Captain Partridge begs leave to assure the American Public that no exertions will be wanting to render this seminary in every respect worthy of their patronage"

The expenses were: tuition in all the regular branches excepting the French and Spanish languages, Music, Fencing and Dancing, $20 per year, tuition in the French and Spanish languages, Music, Fencing and Dancing, $5 per quarter room rent, including use of arms, and accoutrements, $8 per year board, including washing and mending, $1 75 per week, or $84

for a year of 48 weeks. The whole annual expense of a cadet including tuition, board, room rent, books, clothing, heat and incidental expenses (not including the charge for the extra studies) averaged $230 per year

The cadets were governed by the same rules and regulations as the cadets in Middletown This preparatory school was continued in Norwich until 1829 when the "Academy" was again opened in Norwich. In 1831 the North Building or commons was erected Very little data has been preserved concerning the 'Academy" from 1829–34

From a report of an educational meeting held in Norwich in 1831, we learn that Truman B. Ransom was professor of Mathematics.

We give the full account of the educational meeting held in Norwich, Vermont, September, 1831

NORWICH, VT, September 15, 1831

"SIR

Agreeable to the authority vested in us by the Association for the Promotion of Useful Education, you are hereby notified that you are duly elected a member of the same, the origin and Constitution of which is hereunto subjoined.

Should you assent to subscribe to this Constitution, you will please address T B Ransom, Norwich, Vermont

A PARTRIDGE, President

T B RANSOM, Secretary "

At a meeting of several gentlemen of literature and science, immediately after the public exercises on the eleventh anniversary of the American Literary, Scientific, and Military Academy, to take into consideration the propriety of executing some measures for the promotion of useful education, Captain Partridge was chosen chairman, and E B Williston secretary After addresses from Captain Partridge and several other gentlemen present, on motion of Mr Ransom, it was "*Resolved* That a committee of five be appointed to examine into the propriety of forming an association for the promotion of the object in view, and report the same to the meeting as soon as practicable." and Messrs. Williston, Ransom, Morris, Phelps and Seymour were appointed.

After an adjournment for a few hours, the meeting was again opened, and the committee [illegible]

"1st. *Resolved* That the object of education is to prepare youth to discharge, in the best possible manner, the various duties likely to devolve upon them in after life

2d *Resolved* That to perpetuate the existing order of things under any government, the system of education must be based upon, and in conformity to its political institutions

3d. *Resolved* That the Universities and Colleges in the United States were generally modeled after those of Europe, which were designed for a state of political society different from that in which we live, being calculated to confine the advantages of education to the higher orders of society

4th *Resolved* That in a Republic, a primary object of education should be to form patriotic citizens, by inculcating a love of liberty and a hatred of oppression under whatever form it may appear

5th *Resolved* That those who have the immediate direction of the education of our youth, should not only be possessed of profound and extensive attainments in science and literature, but also be men of plain manners, of republican principles, of practical experience, who by their example as well as precept shall form citizens fitted to uphold our free institutions and elevate our national character to that proud eminence it seems destined to attain

6th *Resolved* That sectarian views on religious subjects should not be inculcated, but the Bible itself be placed in the hands of the students without reference to conflicting expositions which various sects have attached to it

7th *Resolved* That as the perpetuity of our Republican institutions depends upon the general intelligence of the people, our higher seminaries of learning should be organized so as to afford the means of instruction to the greatest possible number

1st By reducing the expenses to the smallest amount consistent with a support sufficiently liberal to secure the services of competent instructors

2nd By allowing persons desirous of pursuing any particular branch of science or literature, to do so without being obliged to attend to any other

3d By permitting each individual to proceed in his studies as rapidly as possible, not subject to delay by being classed with others of less acquirements, talent or industry

4th By affording the most ample means of instruction in the application of science to the practical purposes of life

8th *Resolved* That youth while acquiring an education should be subjected to some system of regular, manly and useful exercise by which the physical energies shall acquire the greatest practicable degree of strength and stability Therefore

Resolved That with a view to promote these great and important objects, we agree to form ourselves into an Association, to be styled

ASSOCIATION FOR THE PROMOTION OF USEFUL EDUCATION

and that we will be governed by the following Constitution

ARTICLE 1. The Officers of this Association shall consist of a President, Vice-President, Secretary and seven Counsellors, to be elected at each annual meeting of the Association by a majority of voters present, the President, Vice-President and Secretary to be ex-officio members of the board of counsellors

ART 2 The President shall preside at and govern all meetings of the Association

ART 3. The Vice-President shall discharge the duties of President in case of his absence

ART. 4 It shall be the duty of the Secretary to record all the transactions of the Association, carry on the necessary correspondence and act as treasurer.

ART 5 It shall be the duty of the Counsellors to elect members, attend to all subjects of general interest to the welfare of the Association and adopt ways and means for promoting the great objects of the same

ART 6 A meeting of the Association shall be holden at Norwich, Vt, on the first Tuesday of September, annually

ART. 7. This Constitution may be amended by a majority of the members present at any annual meeting

The above report was unanimously adopted, when, agreeably to the provisions of the Constitution, the following Officers were elected, viz

President, Capt Alden Partridge, Superintendent of the A L S & M. Academy, Norwich, Vermont

Vice-President, E B Williston, President of Jefferson College, Miss.

Secretary, T B Ransom, Professor of Mathematics at the A L S. & M. Academy, Norwich, Vt

Counsellors
- V B Horton, Esq, Pittsburg, Pa
- E F Johnson, Esq, Middletown, Conn
- Maj J Holbrook, Superintendent of Jefferson College, Miss.
- Doctor E Phelps, Windsor, Vt
- Doctor J Barratt, Middletown, Conn
- H P. Woodworth, Professor of Mathematics, Richland Schools
- B M Tyler, Principal of the Instructor's School, Franklin, N H "

V B. Horton, Esq was then appointed orator for the next annual meeting and J H Tracy, Esq to deliver a poem on the same occasion. On motion of Mr Williston, it was resolved that the President and Secretary be authorized to elect members to the association until the next annual meeting.

It was then voted, for the purpose of defraying the expense of printing and postage, that members on signifying their assent to subscribe to this Constitution, pay to the Secretary at least one dollar.

On motion of Mr Seymour, the meeting adjourned until the first Thursday in September, 1832, next, it being the anniversary of the "A L S & M Academy"

CHAPTER II

Norwich University, 1834-43

The University Chartered—Faculty—Entrance Requirements—Departments of Instruction—Courses of Study—Library—Text Books Used—Military Regulations—Marches—Expenses—Athletics—Commons—Theatricals—Literary Societies—"N U" and Dartmouth Feuds—Commencements—Military Conventions—Ladies' Seminary Founded—President Partridge Resigns—Truman B. Ransom Elected President.

In the early thirties the Universalist Church was desirous of founding a college in New England A convention for this purpose was first held in Claremont, N H in 1833 The convention adjourned to meet in Woodstock early in 1834 General T. B. Ransom, acting for Captain Partridge, invited the convention to adjourn to Norwich and inspect the "Academy" buildings with the idea of taking the property for their college. The convention met in Norwich in May, 1834. This convention was composed of two parties; one was desirous of having a perfectly liberal institution and the other of making the new college a denominational one. The liberal party prevailed and it was voted to take the property

On November 6, 1834, the legislature of Vermont chartered the "Academy" as the Norwich University. The following gentlemen were the incorporators Josiah Dana, Jedediah H Harris, Silas H Jennison, Caleb Keith, William Noble, David P Noyes, Samuel C. Allen, John Wright, Joshua Stowe, Isaac N Cushman and Jonathan P. Miller. The complete draft of the charter is given in Chapter XII

Thus the University was founded under the patronage of the Universalist denomination. This patronage continued until the resignation of Captain Partridge in 1843.

The first meeting of the board of trustees was held in the North College building, December 3, 1834, and Captain Partridge was elected president, and Truman B. Ransom, vice-president. On February 21, 1834, a committee consisting of Henry Hale, D A A. Buck and Ira Davis was appointed to appraise the old "Academy" property, on August 28, 1835, their appraisal was

accepted. At a meeting of the trustees January 14, 1835, Captain Partridge and T B. Ransom were appointed to compile the course of study and the by-laws of the University

On March 9, 1835, Captain Partridge was appointed general agent to collect funds and in August, 1835, Rev. B. F. Fuller and Rev. Russell Streeter were appointed agents to collect money in Vermont and Rev John G Adams as agent for New Hampshire. In September, 1840, Captain Partridge was authorized by the trustees of the University to conduct the Institution on his own responsibility. This arrangement continued until 1843

The faculty, 1834-36, consisted of Alden Partridge, A. M, president and professor of Moral and Intellectual Philosophy, History, Science of Government, Political Economy, Military Science and lecturer on Military and Political Subjects, Truman B. Ransom vice-president and professor of Natural and Experimental Philosophy, Mathematics, Theoretical and Practical, and Civil Engineering, M Noras, instructor in Ancient and Modern Languages, Cadet Benjamin F Marsh and Cadet Josiah W Horr, instructors in the English and Scientific Departments

Prof M Noras resigned in August, 1836, and Prof. Zera Colburn, A M, the distinguished mathematician and a former cadet at the "Academy," was elected professor of English Literature, Latin, Greek French and the Spanish languages

Professor Ransom resigned in the spring of 1836 and H. P. Woodworth, '25, was elected vice president and professor of Mathematics, Natural Philosophy, Civil Engineering, Topographical Drawing and Military Instructor Alonzo Jackman, 36, was appointed instructor of Mathematics in the fall of 1836, and Cadet Josiah Swett, Jr., assistant instructor in English Literature

In 1837, Hiram P. Woodworth resigned as vice-president and this office was vacant until 1842, Instructor Jackman became professor of Mathematics, Natural Philosophy, Civil Engineering, Topographical Drawing and Military instructor, Cadets Johnson, Shedd, and Jehiel Lellie were instructors in Mathematics and English Literature In 1838, Instructors Shedd and Lellie became assistant professors in Mathematics and English Literature.

In December, 1840, Cadet Richardson was appointed instructor of Mathematics and in August, 1841, was advanced to a full professorship, which position he held until June 29, 1844 In December, 1840, H Villiers Morris, '36, was appointed professor of Civil Engineering, Topographical Drawing, and Military Instructor, which [illegible]

was instructor in Ancient and Modern Languages, Cadets Stephen N. Warren and James V. A. Shields were appointed assistant instructors in Mathematics and E. B. Perkins professor of Music In 1841, James V A Shields and Alvin E Bovay resigned and Stephen N Warren was appointed instructor in Mathematics In 1842, Stephen N. Warren resigned and Aaron Loveland was elected vice-president

The catalogue published in the fall of 1836 gives the attendance as 107, distributed as follows Primary department, 53, Collegiate department, 36, Civil Engineering department, 18 The attendance by classes for the years 1834-43 was as follows. 1835, 2, 1836, 4, 1837, 13 graduates, 7 non-graduates, 1838. 7 graduates, 70 non-graduates, 1839. 14 graduates, 27 non-graduates, 1840, 9 graduates 22 non-graduates; 1841, 17 graduates, 24 non-graduates, 1842, 13 graduates, 20 non-graduates, 1843, 10 graduates, 12 non-graduates

The requirements for entrance in 1835, we give from the prospectus:

"Each candidate for admission into the University must not be less than fourteen years of age, must be of good moral character, and also possess a correct grammatical knowledge of the English Language, be well versed in Arithmetic, and also in the Elements of Geography and History. Candidates who have advanced farther in any department of knowledge than what is required in the foregoing, will be allowed to take their stations in the University according to their qualifications, without being charged any back tuition None can be admitted for a less term than one quarter, of twelve weeks The most appropriate times for joining the University would be at the commencement in August and also at the close of the winter vacation Students, however, will be admitted at any time"

During 1836 and 1837 students were not admitted to the Primary department under ten years of age. The requirements for the Collegiate department were a thorough knowledge of Arithmetic, English Grammar, Elements of Geography and History. The requirements for the Civil Engineering department were the same as in the Collegiate department During 1838–43, the requirements were the same as in 1837 excepting that no student was admitted under twelve years of age

During the years 1835–38 the instruction at the University was divided into four departments Collegiate, Civil Engineering, Teachers' and Primary. This last department was dropped in 1838 During the year 1835–38 the attendance was 97. The Teachers' department was designed to prepare the students for the

profession of teaching, and embraced thorough instruction in the following subjects Arithmetic, Grammar, Rhetoric, Composition, Geography, including the use of maps and globes, History, Elements of Natural Philosophy and Bookkeeping, lectures were given by Captain Partridge on school management. The course was discontinued in 1837

During 1835–42, instruction in the Collegiate department was as follows Algebra, Geometry, construction and use of Logarithms, Plane and Spherical Trigonometry, Mensuration of Heights and Distances, Planometry, Stereometry, Practical Geometry generally, use of instruments, particularly the chain, circumferator, level, theodolite, quadrant, sextant, use of the barometer with its application to measuring mountains and other eminences, Navigation, Conic Sections, Differential and Integral Calculus, Mechanics, Pneumatics, Hydrostatics, Magnetism and Electricity, Optics, Astronomy, Chemistry, Geography, History, the English Language and English Literature, Composition, Rhetoric, Logic, Declamation, Ethics, the Elements of Natural and Political Law, the Laws of Nations, Military Law, the Constitution of the United States, Metaphysics, Civil Engineering, Topographical Drawing, Military Drawing, Architecture, Military Science, Theoretical and Practical.

Ancient and Modern Languages were taught to all who might wish to pursue them, and those who attended to one or all of them, were in addition to their diploma, to be entitled to a certificate signed by the president and vice-president, stating the progress made in such languages weekly exercises were required in Declamation and Composition

The ancient languages, although not required for the attainment of the honors of the University, were a part of the Collegiate course, and the Latin authors of this department could be substituted, by those who did not intend to become practical engineers, for that part of the Mathematical course which followed Conic Sections. No one was permitted to commence the study of Latin or Greek who did not purpose to continue it for at least one year

The instruction in the department of Engineering embraced the following subjects Algebra, Geometry, construction and use of Logarithms, Plane and Spherical Trigonometry, Mensuration of Heights and Distances, Planometry, Stereometry, Practical Geometry generally, including particularly Surveying and Levelling, Descriptive Geometry, Conic Sections, Mechanics, Statics, Hydrostatics, Chemistry, Geology, Architecture, Construction of Common Roads and Railroads Canals Locks Bridges Aque-

ducts, Viaducts; also the English and French languages, Geography and History. Much practical field work was given. The students in this department were carefully trained in Declamation, weekly exercises in composition being required.

A thorough course in Military Science was given to all the students of the University Instruction was given in the elementary school of the soldier, company and battalion, regular formation of military parades, the turning off, mounting and relieving guards and sentinels, the duties of officers of the guard, officers of the day and adjutants, the making out correctly the different descriptions of military reports, permanent and field fortifications, the construction of Marine Batteries, Artillery Duty, the principles of Gunnery, the attack and defense of Fortified places, Castrametation, Ancient Fortification, the ancient mode of attacking and defending Fortified places; the Ancient Tactics, particularly those of the Greeks and Romans—with a description of the organization and discipline of the Phalanx and Legion. The military exercises were given at those hours of the day which were generally passed by students in idleness or devoted to useless amusements, for which they were made a pleasing and healthful substitute

The Modern Languages, Music and Fencing were given as extras to those students who desired the work, and an annual course of lectures was given by Captain Partridge on the following subjects 'The Constitution of the United States, and the Science of Government generally" "Political Economy including Agriculture, Commerce and Manufactures", ' Geography, History, Natural Philosophy, including Astronomy", "Education", "National Defense", "Internal Improvement" and "Military Science "

The first notice of the library appears in the University records under date of May 3, 1836 Hiram P Woodworth, vice-president of the University, and Dr Ira Davis were appointed a committee to report on the condition of the library. Prof. Woodworth was appointed the first librarian of the University, May 3, 1836, which position he held until he went to Illinois in 1837. It is not stated definitely who succeeded him as librarian, but it is thought Dr. Ira Davis served as librarian 1837–40 Alvin E Bovay held this office in 1840–41 and John M Barnard in 1841–42.

A board of Medical examiners was appointed with the power to examine and recommend to the trustees the persons for the

degree of M D The only person to receive the degree was Joseph G Tilden in 1837 This department did not prove practicable and was soon given up In 1839 a Law department was organized and work given until 1841, when the department was given up A Mechanics' department was organized in 1836 in connection with the Civil Engineering work, but in a few years was discontinued

Each student was allowed to advance as rapidly as possible in his studies and was graduated when the course was completed.

TEXT BOOKS STUDIED DURING 1834-44

ENGLISH.

Smith's and Bullion's Grammar, Walker's Rhetorical Grammar, Blair's Rhetoric.

LATIN.

Liber Primus, Cæsar's Commentaries; Virgil, Cicero's Select Orations; Cicero's de Oratore, de Amicitia et de Senectute, Livy, first five books, Tacitus, five books, Horace; Adam's, Gould's, and Bullion's Grammar

GREEK

Buttman's Greek Grammar, Neilson's Greek Exercises; Jacob's Greek Reader; Xenophon's Anabasis; Homer's Iliad, six books, Homer's Odyssey, Herodotus, Delectus, Collectanea, Græca Majora

FRENCH

Bolmar's, Levisac's, and Fowle's Grammar, Perrin's Vocabulary, Telemaque; Voltaire's Charles the 12th; Meadows, Nugent and Boyer's Dictionary.

SPANISH

Joss' and Sales' Grammar, Telemaco, Robinson Crusoe, Newman's Dictionary

ITALIAN

Bache's Grammar.

GEOGRAPHY AND HISTORY.

Woodbridge's and Willard's Geography, Mitchell's Ancient and Modern Geography, Whelpley's Compend; Hale's, Goodrich's and Willard's History of the United States, Adam's Roman Antiquities, Rollin's Ancient History, Ferguson's Roman Re-

public, Gibbon's Rome; Rollin's Ancient and Modern History, Russel's Modern Europe

MATHEMATICS AND ENGINEERING

Hutton's Mathematics, Hutton's Algebra, Hutton's Geometry, Hutton's Logarithms, Crozet's and Davies Descriptive Geometry, Cambridge and Hutton's Plane and Spherical Trigonometry, Gummere's, Gibson's Surveying, Cambridge Topography, Hutton's Conic Sections and Isoperimetry, Hutton's Geodetics and Fluxions, Bowditch's Navigator, Sganzin's and Mahan's Civil Engineering, Engold on Railroads, Military and Topographical Drawing

NATURAL PHILOSOPHY AND SCIENCES.

Enfield's and Field's Natural Philosophy, Comstock's Natural Chemistry

LOGIC MORAL PHILOSOPHY AND METAPHYSICS

Hedge's Logic, Paley's Moral Philosophy, and Reid on the Mind

LAW AND POLITICS

Constitution of the United States, Vattel's Law of Nations, Burlamaqui on Natural and Political Law.

The cadets served in rotation as officers in command of companies, as officers of the day, and as non-commissioned officers.

The uniforms were the same as used in the "Academy" and described in Chapter 1

In November, 1835, the quartermaster-general of Vermont was instructed by the legislature of Vermont to loan Captain Partridge one hundred and fifty muskets and bayonets

Reveille was at sunrise throughout the year, the first roll call came fifteen minutes after reveille, the rooms were then placed in perfect order and an inspection was made by the officer of the day, breakfast came at 6 o'clock A. M., from March 20 to September 20 each year and during the remainder of the year at 7 o'clock dinner was served at 12 o'clock throughout the year and supper at 5 P. M., from March 20 until September 20, the study hours and recitations commenced at 8 o'clock A. M., and continued until noon then at 1 o'clock until 5 P. M., and 8 P. M. until 10 P. M., from September 20 until March 20, the study

hours commenced at 9 A M and continued as given above, excepting that the cadets were required to be in their rooms at 7 P. M

The police rules were very strict and similar to the regulations now in force at the University

The first march by the corps of cadets after the incorporation of the University was made in 1836 to the top of Mt Ascutney and back to Norwich the same day. There are no records of marches taken until the trip to Burlington, Vermont, in July, 1840.

The corps left the University quarters on Tuesday, the 7th of July, at 9 o'clock A M, and, passing through Woodstock, Bridgewater, Rutland, Castleton and Fairhaven, arrived at Whitehall on Thursday, the 9th of July, having performed a march of seventy miles The corps remained in Whitehall until 1 o'clock P M the next day, when it took passage in the steamboat *Whitehall* for Ticonderoga, distant twenty-five miles, where it disembarked at half past three Immediately after being landed, the corps was formed into an open column and marched to the ground of the old fort Soon after entering the fort the line was formed close in front of the old Barracks, in which was quartered the British Commander at the time when Ethan Allen demanded the surrender of the fort by the "high authority of the Great Jehovah and the Continental Congress" The line formed, a *Feu de Joie* was fired, which was followed by several battalion, wing and company fires The effect was imposing and solemn Having piled arms, the corps was dismissed for the purpose of examining the remains of the old fortifications, as well as many other things of interesting character at this celebrated military position, over which seemed to hang the destinies of America, at a most critical period of our Revolutionary contest

At about half past six, the column was reformed, and the return line of march taken up The corps reached Norwich at half past three P M July 14, and after announcing their arrival from the muzzles of the muskets, the members were dismissed to their quarters

The whole distance was performed in six days and a half, and the one hundred and forty miles was marched over in five days and a half The weather was extremely warm the whole time, and during the first two days, the march was performed in a cloud of dust rendered worse by the severe drouth Each carried a knapsack well loaded The ground, or a floor with a blanket for a covering, constituted the only bed at night. All returned i

indicated the kind of service they had performed The youngest member of the corps was thirteen years of age.

During 1842–44, extended marches were not taken

The cadets under command of Gen T B. Ransom, took a part in the celebration in White River Junction (Hartford), Vermont, July 4 1843. The corps gave several exhibition drills, the Declaration of Independence was read by Cadet Henry Hancock, speeches were delivered by Gen. T B Ransom, '25, Col. W. E. Lewis, '32, and cadets James Cunningham, H H. Cary, Charles K Dean, Lemuel W Blanchard, George F Emerson, John D Hale, Robert H Milroy, Jabez C. Crooker, Asa Howe, Cadet E M Brown read an original poem A committee consisting of James Cunningham, George F. Emerson and E M Brown, was appointed by the corps to extend their thanks to the citizens of Hartford for the kind hospitality given them

During 1835–37, one annual vacation of twelve weeks, beginning on the first Monday in December was given, also a recess of one week, beginning immediately after the annual commencement

The expenses during the years 1835–37, were Tuition $24, room rent $8, fuel and lights $8, board $1.50 per week or $58 50 for an academic year of 39 weeks, use of library and incidentals $3 32, extra charge for instruction in French, Spanish Music and Fencing, $4 per quarter, tuition Primary department, $4 per quarter, tuition Teachers' department, $1 50 for each four weeks

In 1838 the tuition was increased to $32 a year, and the charge for tuition, incidentals and French in the Civil Engineering department $50.20; library and incidentals $3, charge for extra studies as before given, attendance on lectures by the cadets $2 each course, and $5 for persons not cadets. During 1838–43, the charges were practically the same, only board was increased to $1 75 per week

The athletics were confined to the military drills, fencing, boxing and rowing The cadets were required to attend chapel each morning and were "urgently recommended to attend church on Sunday", such as did not attend church were required to remain in their rooms, and were "advised to pass the day in reading the Scriptures" Their rooms were regularly inspected by the University authorities All the cadets were required to board in the commons, unless excused by Captain Partridge The commons was at times no more popular in this period than in the twenties

Rev. Cyrus H. Fay, '37, in 1898 gives the following account of a play given by the cadets in 1837 in which "Grahamism" was especially hit

"The word Grahamism recalls a system of diet which discarded meats, and asserted that vegetables, cereals and fruits were the only proper food One Doctor Graham was the author of this system, and he rode his hobby until he seemed to regard meat-eaters as modified cannibals This system was unpopular with us Why it was so I am unable to explain at this late day I certainly would not be so unkind toward our purveyors at the commons as to suggest that the cause might possibly be traced to a hankering on our part after more fleshly morsels than were set before us

"Sherwood, the tallest in our ranks, and somewhat slim of build and pale of feature, was selected to represent Dock Graham, and to illustrate his dietetic system, and when he appeared on the stage in high-heeled shoes and wearing a stove-pipe hat, he brought down the house The author of this narrative represented a more liberal diet, and appeared before the audience rounded out by liberal padding, to the girth of Falstaff. Look on that picture and then look on this"

There were no fraternities during this period, 1834–44 Special attention was given to the instruction in elocution and public debating. Rev C H Fay gives an account of a play given at Commencement of 1837.

"A drama was proposed, but who could furnish it? Jackman was not thought of, for none of us supposed that either the tragic or the comic muse could lure him, for a moment, from the fascinations of his favorite science To our surprise and delight a drama, in manuscript, was placed in our hands, and it was whispered to us that our reticent Professor was its author It was accepted and a cast of characters soon chosen The leading object of the play, as I now recall it, was to shoot some of the flying follies of the time Prominent among these in our view was Grahamism The other actors in the drama appear to me now in silhouette only, their very names having faded from my memory The other follies aimed at I have forgotten, although I have a lingering suspicion that FASHION was one of them There is no record that I have seen of the effect of the play upon the then prevalent foibles, but if our acting had been as good as our purpose was earnest some of them must have fluttered for a time with crippled wing You ask what became of the drama? I cannot answer this question definitely I surmise, however, that it fell into a state of 'innocuous desuetude' and finally into death But I am quite certain that if the manuscript could ever be found, either in the archives of the University or anywhere else, this inscription would appear upon it in a handwriting expressive of righteous indignation 'Murdered by amateur performers'"

An account of a portion of the play giving the "hit" on the commons, was given above.

General W W H Davis, '43, gives an account of the Function Socie[illegible]

famous "John Phoenix" of literary fame, and Thomas W White, '41, about 1839 General Davis states

The insigma for the Society was an exceedingly wise owl, the token signifying that the sessions were held at night which I believe was the case I was not a member, as I was hardly thought advanced enough in worldly wisdom to enjoy such distinction The insigma was the work of George H Derby * * * He was a wit and an artist, and if some of his drawings on the blackboard could be reproduced, they would cause a broad grin on the face of the country from Maine to the Pacific I have no copy of the insigma now, but had one some years ago"

Just how long this society continued is not known, but probably it was discontinued about 1842

Major O H Tenney, '45, writes

"In my day at 'Old N U' we had no secret societies We had a debating society I remember that the records were kept by O A Buck, just before my time, and before his time by William L Lee, '43, who wrote the best hand in the book"

During 1836-43, peace did not always exist between the students of "N U" and Dartmouth Feuds sprang up The cause of the first trouble is not preserved Many tales have been handed down of encounters between the students of the two institutions

Rev Cyrus H Fay, '37, relates the following incident

"I am sorry to be obliged to record the fact that with some of our neighbors on the opposite bank of the Connecticut River, relations were at times a little strained I refer to certain students in Dartmouth College These students seemed to be affected by our regulation dress somewhat as a mad bull is said to be by a red flag Nearness to our buttons was usually accompanied by some expression on their part, which proved an irritant to us At length a crisis came which tested our mettle The Fourth of July was at hand, a day we had always celebrated with cannon firing, the beating of drums, patriotic songs and orations Well only the day before we learned that these same students had with malice prepense, planned for us the greatest insult human ingenuity could invent They had obtained a coat, in style like our own,—buttons and all,—and had engaged a negro barber on Hanover Plain, to wear it over to Norwich on the morrow mingle with the crowd, and so take us off, as the saying was Naturally this revelation greatly excited us A council of war was at once called and all the military knowledge we had acquired brought into service I have neither time nor space to give a detailed account of what then transpired It is sufficient to say, perhaps that the strategy we planned would have delighted a Moltke and that the daring and dash displayed in its execution impelled to our view at least, the fame of Napoleon The coat with every put intact, was captured during the silent midnight hours, and captured within the enemy's intrenchments Joy never mounted so high at the barracks as when tidings of the capture were an-

nounced, and our eyes beheld by the moonlight the proof of victory dangling from the end of a long pole, carried by Gray of Virginia, the leader of the 'Forlorn Hope' We all felt that a great disgrace had been averted, and that the skill and the valor of the Norwich cadets had been vindicated for all time The Fourth dawned in brightness and beauty, and patriotism was regnant through all its hours on Norwich Plain Every part of an elaborate program was executed perfectly Orator and poet achieved the loftiest flights of eloquence The American Eagle as was then his custom came to their aid, and not only screamed but performed some wonderful gyrations

Mr C B Burnham '39 contributed the following reminiscence in 1909

"Some day when an attack of 'Xacoethes Scribendi' comes upon me, I may relate some unimportant event that may have occurred while I was at the University (1836–39) perhaps pertaining to the religious watchfulness and care in exercises in protecting those two old rusty six-pounders from the spoliation at the hands of Dartmouth mischief-makers who, as July Fourth approached annually evinced the desire to put them out of service They were of no sort of use whatever except to be dragged to and fro by cords and straps at drill by us boys and to, at the risk of our lives, fire a salute from, when we could raise money enough to buy sufficient powder for the purpose and enough flannel to make bags to contain the powder charges To have anything happen to that old scrap after all this preparation, to prevent us from risking our lives in the firing of the anticipated salute, would have broken our hearts and caused us to hate Dartmouth to a degree of more than ordinary intensity Of course no harm could come except from the east side of the river. We watched passing strangers by day, and sentries, sometimes loaded with muskets but not always stood guard over them at night until July Fourth had come and passed—the salute fired, no one hurt, then we hung the powder horns and priming wires with the thumb stalls in the Armory and risked the safety of the condemned six-pounders to the care of Providence and the elements If those guns are not now in front of the armed quarters I do not know where to look for them, unless in the scrap pile of a junk shop

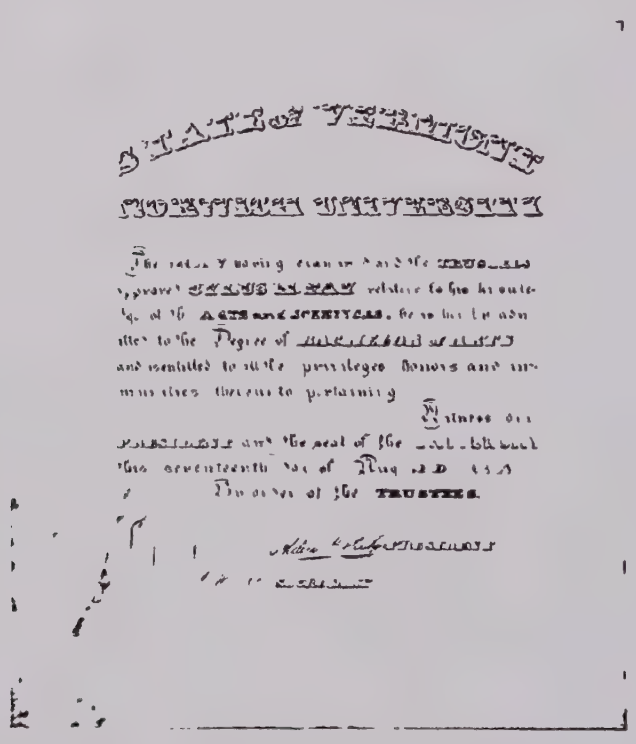
"Why the 'Hanoverians' were not *en rapport* with the 'Norwichegians I never had personal knowledge It was before my day when the former arranged to add 'Senegambian' to the Cadet Corps on some public occasion, they clad him in regulation uniform and in some way were to insert him into cadet ranks on parade, as I have understood, but 'the best laid plans oft gang etc,' and this one ganged The African was captured, his canonicals were confiscated and the Hanoverians lost out their projected scheme We sometimes visited Hanover never singly but in pairs, triplets etc We wore our uniforms on such occasions, each carried a chip on his shoulder and was prepared to defend that chip So far as I know those chips were still in place when the braves returned to quarters About 10 P M of a June evening, Norwich was visited by a delegation from Hanover composed, as we supposed, of Dartmouth students It was a long column of fours, at least one hundred men, without music, which marched to the end of the main street, then countermarched to return from whence they came, not forgetting to attempt to enter our grounds on the eastern journey Our gate

was guarded, the sticks and canes carried by the invaders proved ineffective in the assault against the bayonets of the guard. The invaders, after a short struggle, broke in retreat and were not pursued. Spoils of the victory consisted of crushed silk hats and two or three walking sticks. This visitation and visitant skirmish greatly disturbed the town officials. A delegation of the committee of safety made an early call on Captain Partridge the following A. M. to ascertain what assistance they might rely on to be furnished by him to repel a future invasion should one occur. I don't know his reply to the committee, but I do know that assembly was sounded about 9 A. M. We promptly responded. Captain Partridge was present and in a few words told us we would be called upon by Civil Authority whenever needed to protect the village from a mob similar to the unwelcome visitor of the night before. If so called upon, he would expect prompt response and efficient service. Some one, I think Tarbell of Moriah, N. Y., replied that should occasion require, our services would be prompt and effective. The Captain bit his under lip, smiled a grim smile, dismissed the assemblage and departed. We were never called on, for no mob came.

"Subsequent to the nocturnal invasion referred to, we arranged, in conjunction with the Norwich Light Infantry, to pay an afternoon visit to Hanover. On a Saturday afternoon, the cadets and infantry paraded on the University grounds in full uniform—the band consisting of three snare drums, three fifes and a bugle, formed one column and struck out for the land of our enemy. The battalion numbered about one hundred and fifty men, Captain Partridge in command. I well remember his martial figure, his tight fitting uniform coat of ancient vintage, his rotund waist around which his belt was buckled and from which belt depended a gold mounted sword in a silver scabbard—a 'grand old man.' Arriving at the west side of the bridge, the column halted, arms were trailed and we crossed the bridge with broken ranks and in irregular order. At the east end, formation was resumed, our flint locks at the order. Fix Bayonets! Carry Arms! Right Wheel into Column! Guide Right! Forward March! drums sounded the cadence by taps. We marched up the hill to the north and south road, one side of the square, the music started, the fifes screamed, the drums rattled, the bugles made more noise than all the rest. I doubt if either musician or fifer knew what tune his fellow played, but so long as the tune was the same and the drums were in unison, it did not matter. Reaching the east and west road at the north end of the square, a right wheel, and we headed straight toward the college grounds. Marching eastward we approached the north and south road on the east side of the square. Before reaching the turning point to march south, all the world, his wife, 'his sisters, his cousins and his aunts,' had turned out. The road and grounds were filled and progress was difficult, and here was where we expected trouble, if any should occur. We would not resent jeers, hisses, or insulting remarks, but drew the line at stones and brickbats. We knew why we had fixed bayonets and why our arms were at carry. We were ready for an emergency,—none came. Captain Warren and his company were in front. They pushed the crowd aside as they wheeled to the right to march south. We closed our section into a solid column and pushed after them. Not a word of command from the officers except 'Steady' at intervals from Captain Partridge—we knew our business and did not 'have to be shown.' Emerging from the crowd, we marched south to the

end of the village—along the way many cheers— then we countermarched and took our way homeward our band playing Yankee Doodle"

The annual commencements during 1836–43, were held on the third Thursday of August During 1835–38, public examinations were given beginning on Monday preceding commencement, and lasted three days During 1839–43, the examinations began on Monday of the week preceding commencement, and lasted one week

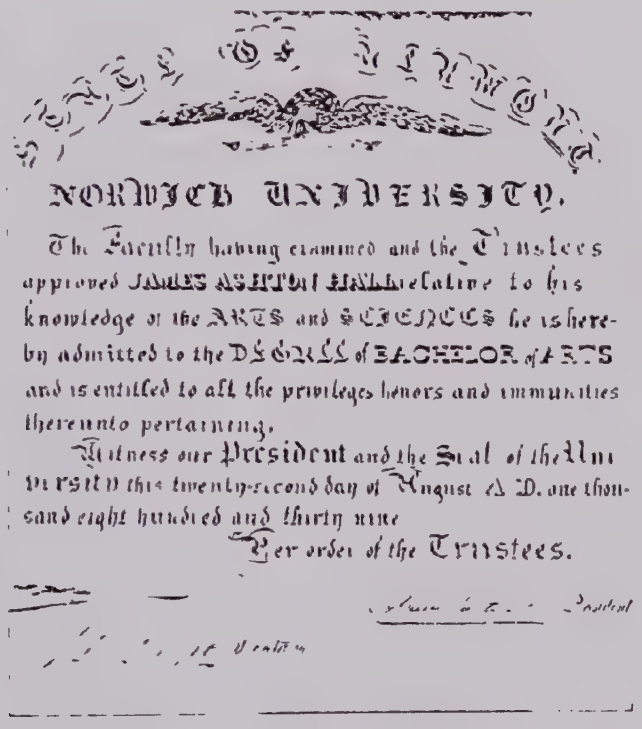


Diploma of 1837

In 1835, several of the cadets delivered orations The first cadet to formally graduate from the University was Alonzo Jackman in 1836 Several cadets nearly completed the course and were afterwards given their degrees as for this class. Orations were delivered by Cyrus H Fay, '37, and Thomas J. Whipple '37 The degree of A M was conferred upon thirteen of the former cadets of the "Academy", LL D upon the Hon Benjamin Wright of New York, and Moncure Robinson, Esq, former cadets of the "Academy" In 1837 twelve cadets graduated, Rev Cyrus H Fay was the valedictorian of the class, the degree of Master of Civil Engineering was conferred upon two

cadets In 1838, the Hon Thomas H Seymour, '29, of Connecticut delivered an address before the trustees on the day before commencement and Hon John Wentworth of Chicago delivered the commencement address

In 1840, Hon Benjamin F Hallet of Boston delivered the commencement address, orations were also delivered by the Rev. Theophilus Fisk, '23, and Hon Thomas H. Seymour, '29 At the Commencement of 1842, W W H Davis delivered the



NORWICH UNIVERSITY.

The Faculty having examined and the Trustees approved JAMES ASHTON HALL in relation to his knowledge of the ARTS and SCIENCES he is hereby admitted to the DEGREE of BACHELOR of ARTS and is entitled to all the privileges honors and immunities thereunto pertaining.

Witness our President and the Seal of the University this twenty-second day of August A D. one thousand eight hundred and thirty nine

By order of the Trustees.

Diploma of 1839

salutatory address and oration, and William L Lee the valedictory. An oration was delivered by S. B Lee, '43, Albert J. Waddam, '44, delivered a French oration. and James A. Cunningham, '44, a Latin oration, Gen O M Clark of Sandy Hill, N Y, delivered the commencement oration The commencement exercises in 1843 were held August 17 The commencement oration was delivered by the Rev Orestes A Brownson, a former cadet of the "Academy," orations were also delivered by Gen O M. Clark of Sandy Hill, N Y and James A Hall, A M, '39

In May, 1843, an effort was made to raise the money to pay Captain Partridge for the University property Up to this date

the University trustees had only succeeded in raising money to cover the regular expenses of the Institution. A committee was appointed May 13, 1843, to solicit funds to remove the encumbrance on the property. On this date Captain Partridge gave the trustees a low figure on the buildings, grounds, library and mathematical instruments, etc.

Later in this year, serious differences of opinion arose between Captain Partridge and the trustees of the University, as to the management of the Institution and on November 11, 1843, he resigned the presidency On this date Vice-president Truman B Ransom was appointed acting president and on February 8, 1844, was elected president

During 1834–43, Captain Partridge was active in his work to perfect the militia system of the state and country

In June, 1838, Captain Partridge issued an invitation to the officers, non-commissioned officers, musicians and privates of the militia of Vermont, New Hampshire, New York and adjoining states, to meet in Norwich Vermont, on July 4, 1838, to form a National Military Convention

On this date fully 300 officers of the militia of Vermont and New Hampshire assembled in Norwich. The meeting was called to order by Captain Partridge in the University Hall James Udall, Esq , of Hartford was elected president, and Col Nathaniel Miller of Bridgewater, Vermont, vice-president, Maj William F. Lewis, '32, and Josiah Swett, Jr '37, secretaries. A series of resolutions was drawn up pertaining to matters of the greatest importance to the militia of the United States, and were printed and distributed throughout the country A committee was appointed to draw up "An address to the people of the United States" on the reorganization of the militia of the country.

Addresses were delivered before the convention by Captain Partridge, N Robinson, Esq , and others The convention then adjourned to meet in Norwich August 16

Many officers of the militia from Vermont, New Hampshire Massachusetts, Connecticut and New York met in Norwich on the above date Gen Jacob Washburn was elected president *pro tem,* Captain Partridge reported for the committee which was appointed to prepare an address to the people of the United States on the militia of the country, the address was adopted and ordered printed A committee of which Captain Partridge, was chairman was appointed to memorialize Congress on the matter of reorgan

The convention adjourned to meet in Montpelier, Vt., at 2 P. M., October 12, 1838. The convention met at the stated time. James Udall presided, Gen. J. Washburn, Gen. John Kellogg, Col. J. G. Dudley and Maj. Earl were elected vice-presidents and Maj. J. W. Curtis, '37, secretary, orations were delivered by Captain Partridge and others. It was voted to adjourn to meet in Boston, February 22, 1839. Space cannot be given for the text of the Resolutions and the "Address to the people of the country."

One has but to read these documents to become impressed with the remarkable insight of Captain Partridge into the military necessities of the country. Many of the suggestions proposed in these publications were not carried out until years afterwards, and some of them are still being agitated. If the country had at that time adopted the wise plans presented, thousands of lives and millions of money would have been saved in the subsequent wars of the country. As has been stated before Captain Partridge did not believe in a large standing army. The following quotation from the "Address to the people of the United States" well represents his views on this subject:

"As to standing armies, it is believed there is but one opinion amongst the people of the United States on the subject. They consider them hostile to civil liberty, and the history of many ages proves them to have been so. They are the necessary appendage of monarchy, and constitute the right arm of tyranny. Take away the standing armies of Europe, and what monarch could sustain himself six months on his throne? Our revolutionary fathers well understood their character and witnessed their power in combatting against liberty, and in shedding innocent blood. Do we wish further proof, the recent tragic scenes at St. Charles, St. Eustache, and in other parts of Canada will furnish it. It is evident, then, that the attention of a free people should not even for one moment be directed to a standing army, as the guardian of their liberties and independence. For the protection of these they should rely only on themselves. The great and good men who framed the Constitution of the United States, were well aware of the absolute necessity of a well-regulated and efficient National militia for the preservation of our National Independence and of public liberty. They therefore wisely invested Congress with full power to adopt all the necessary and proper measures for establishing and rendering efficient for the military defence of the country, such national force."

A military convention was held in Norwich, January 8, 1840. Captain Partridge presided, speeches were made by several officers of the militia of Vermont and New Hampshire. The convention adjourned to meet in Norwich, July 4, 1840. A very elaborate program was given on this date. After the regular

work of the convention, the corps of cadets gave several drills, orations were delivered by Prof. Jehiel Lillie, '38 of the University and by Cadet Simeon Wheeler, Jr.

A committee of cadets consisting of Lucius Hulbut, J V A. Shields, A J. Dorn, J E Stevens and Pierpont G Edwards had charge of the celebration on the part of the cadets

Conventions were held in Norwich at the commencement of 1841 and 1842, at this last convention Maj Josiah Swett delivered an address In 1843 the convention was held July 3 Captain Partridge presided and many officers of Vermont and New Hampshire were in attendance

On October 24, 1843, the Hon Richard M. Johnson of Kentucky, visited Norwich The corps of cadets with several companies of New Hampshire and Vermont militia escorted him from Hanover to Norwich A national salute was fired in his honor by a squad of cadets under command of Prof. David Richardson We quote from the *Spirit of the Age* "The cadets of the University made a fine appearance and rendered essential aid to the occasion for which they are entitled to the thanks of the citizens" A public dinner was given him, at which several speeches were made He was the guest of President Ransom, who accompanied him to Strafford, Chelsea and Montpelier.

Captain Partridge was one of the first prominent educators in this country to assist in promoting the higher education of women During the time the "Academy' was located in Middletown, Conn, he gave his active support in the management of a young ladies' seminary in that city; in 1835 he founded a young ladies' seminary in Norwich We quote from the prospectus published in 1835

"The institution will be opened in the village of Norwich, the first Monday in May, 1835, under the patronage of the University All the branches of a useful and ornamental education will be taught by able and experienced teachers, and the young ladies will have the advantage of attending the lectures given at the University

"The institution will be under the immediate superintendence of a lady in every respect well qualified to discharge the important duties of the same

"The charge for tuition, board, etc, will be as moderate as at similar institutions of the first order, of the United States

"The location of the seminary at Norwich will enable parents who may send their sons to the University to educate their daughters in their immediate vicinity For further information, application may be made to the President or Vice-president of the University"

The seminary was continued for several years Although not strictly co-educational, yet we believe it served to encourage the opening of other schools for the education of women. It was nearly as closely connected with the University as Radcliffe is with Harvard now

CHAPTER III

PRESIDENT RANSOM ASSUMES THE DUTIES OF PRESIDENT—CAPTAIN PARTRIDGE LEASES THE UNIVERSITY PROPERTY—NEW LOCATION SECURED IN NORWICH—SETTLEMENT WITH CAPTAIN PARTRIDGE—FACULTY—ATTENDANCE—COURSE OF STUDY—TEXT BOOKS—PREPARATORY DEPARTMENT—VACATIONS—MARCHES—SOCIETIES—EXPENSES—COMMENCEMENTS—OLD UNIVERSITY BANNER PRESENTED—PRESIDENT RANSOM RESIGNS—WAR WITH MEXICO

President Ransom assumed the active duties of president February 8, 1844. The first business that demanded his attention was the settlement of Captain Partridge's claim on the University property.

After some negotiations, Captain Partridge leased the property to the University trustees for the year. On September 21, 1844, he gave the trustees notice that the lease would be terminated on its expiration. A committee of sixteen was appointed to "correspond with the people of Norwich and other towns on the east side of the Green Mountains in regard to the location of the University in a more favorable place," but no success came from this movement.

On the expiration of the lease Captain Partridge took the property and in April, 1845, opened his school, the "A. L. S. & M. University," which he conducted in the University buildings until November, 1846.

The citizens of Norwich bought five acres of land with a commodious brick building, which they conveyed to the University trustees for the use of the Institution, also moved to the premises a frame building which was fitted up for recitation purposes. On July 17, 1845, the trustees gave a vote of thanks to the people of Norwich "for their generous aid in helping to place the University on a better financial footing."

On November 3, 1846, Captain Partridge sold the original University property to the Institution and on December 4th, the same year, gave the deed. Thus was ended to the mutual satisfaction of all concerned, an unfortunate incident in the history of the Uni-

The faculty for the fall of 1844 was composed of Truman B. Ransom, A. M., president and professor of Natural Philosophy, Practical and Military Science, Political Economy, Civil Engineering and Science of Government; Aaron Loveland, A. M., a graduate of Dartmouth, class of 1801, vice-president; Alonzo Jackman, A. M., professor of Mathematics and Chemistry; Josiah Swett, '37 A. M., professor of Moral and Intellectual Philosophy, Natural Theology and English Literature; Cadet Charles Edward Dennison, tutor in Latin and Greek; Giuseppe Artoni, graduate of a French University, instructor of French, Spanish and Italian Languages.

In 1845, Benjamin F. Marsh, A. M., '35, a distinguished engineer, was appointed professor of Mathematics and Civil Engineer-

Old Barracks at Norwich.

ing in place of Alonzo Jackman, resigned; Rev. James Davie Butler, A. M., a graduate of Middlebury College of the class of 1836, was appointed professor of the Ancient Languages and Literature; Charles E. Dennison, A. B., was advanced to the rank of instructor in the Ancient Languages. In 1845, Professor Artoni resigned and Professor Butler took his classes.

In 1846, Cadet Paul Raymond Kendall was appointed teacher in the Preparatory Department and held the position until 1847. On May 7, 1847, President Ransom resigned and Professor Butler acted as president until March 23, 1847, when General Henry S. Wheaton assumed the duties of that office. In 1847, Professor Marsh also resigned and Professor Jackman was re-appointed professor of Civil Engineering.

The attendance for the years 1843–46, was as follows: 1844, graduates 1, non-graduates 16; 1845, graduates 7, non-graduates 26; 1846, graduates 6, non-graduates 26; a total of 14 graduates,

and 68 non-graduates The cadets were from the following states Maine, New Hampshire, Vermont, Massachusetts, Connecticut, New York, Pennsylvania, Alabama, Kentucky and Illinois During this period the degree of A. B was conferred upon ten cadets, and the degree of A M *in course* on eight alumni The honorary degree of A M was conferred upon six persons LLD. on two, and D D on one The degree of M D was given upon examination to two applicants

The course of study in 1844 was given in three departments, Collegiate, Civil Engineering and Military We quote from the catalogue published in 1844

COLLLGIATE DEPARTMENT

"This department embraces the following branches of education, viz. Grammar, Arithmetic, Geography, Algebra, Geometry, Ancient and Modern History, Logic, Rhetoric, Elocution, Composition, Analytical Geometry, Navigation, Surveying, Civil Engineering Military Science, Natural Philosophy, Astronomy, Descriptive Geometry, Trigonometry, Mensuration, Fluxions, Logarithms, Chemistry, Geology Mineralogy, Moral Science, Intellectual Philosophy, Natural and Political Law, Natural Theology, Laws of Nations, Political Economy, Evidences of Christianity, Constitution of the United States, Topographical and Military Drawing, and the Latin or Greek Language

"All the branches of the course are taught regularly once a year They are distributed in the several terms as follows Fall term, Algebra, Geometry, Analytical Geometry, Navigation, Surveying, Engineering, Political Economy Drawing, Military Science, Intellectual Philosophy English Grammar, Elocution, Composition, Natural Theology, Tactics, Latin Grammar and Reader, Greek Grammar and Reader Cicero's Select Orations, Homer's Iliad (five books) Winter term, Algebra, Geometry, Grammar Engineering, Drawing and Political Economy, completed, Elocution, Composition, Geology Mineralogy, Descriptive Geometry, Constitution of the United States Cæsar's Commentaries, Cicero de Oratore, Greek Testament and Thucydides Spring term, Chemistry Natural Philosophy, Natural and Political Law, Laws of Nations, Moral Science, Logic Ancient History, Elocution, Composition, Algebra, Geometry, Logarithms, Trigonometry, Mensuration, Virgil, (Georgics and Bucolics), Livy, (four books) Greek Reader, finished, [illegible]

Christianity, Rhetoric, Modern History, Fluxions, Elocution, Composition, Virgil (Æneid), Horace, Xenophon's Anabasis, Cyropœdia, Chemistry, Natural and Political Law, Laws of Nations, Algebra, Geometry and Natural Philosophy finished

"Exercises in Elocution and Composition are required through the whole year and of every member of the Institution."

DEPARTMENT OF CIVIL ENGINEERING

"This department embraces the following branches, viz Algebra, Geometry, Logarithms, Trigonometry, Mensuration, Surveying, Descriptive Geometry, Analytical Geometry, Fluxions Natural Philosophy, Chemistry, Geology, Mineralogy, Architecture, Construction of Common Roads, Railroads, Canals Locks Bridges etc., also Geography, History, and the English Language."

DEPARTMENT OF MILITARY SCIENCE

"In addition to what is required in the department of Civil Engineering, for a diploma in this department the student must be correctly instructed in the elementary schools of the soldier, company and battalion, he must also possess a thorough knowledge of the regular formation of military parades, the turning off, mounting and relieving guard and sentinels, the duties of officers of the guard, officers of the day, and adjutants, the making out correctly of the different descriptions of military reports, permanent and field fortifications, the construction of Marine Batteries, Artillery duty; the principles of Gunnery, the attack and defense of fortified places, Castrametation, Ancient Fortifications, the ancient mode of attacking and defending fortified places, Ancient Tactics, particularly those of the Greeks and Romans, together with a description of the organization and discipline of the Phalanx and Legion."

"The French, Spanish and Italian Languages, Music and Fencing are taught to those students who may desire to attend to one or all of them, for each of which they are charged, extra, four dollars per quarter

"Annual courses of Lectures are given on the following subjects Chemistry, Geography, Constitution of the United States, Military Science, Geology, History, Moral Science, Grammar, Mineralogy, Political Economy, Natural Philosophy, including Astronomy, Civil Engineering, National Law, Physiology and Health."

The course of study as given above remained practically unchanged until 1847.

The following list of text books was used during this period

LATIN

Andrew's and Stoddard's Grammar, Andrews Reader; Leverett's Lexicon, Cooper's Virgil; Folsom's Cicero's Select Orations, Cicero de Oratore; Livy, Gould's and Anthon's Horace, Weisse's Tacitus, Adam's Roman Antiquities

GREEK

Bullion's Grammar, Jacob's Reader, Donogan's Lexicon, Cleveland's Xenophon's Anabasis, German edition of Thucydides, Homer's Iliad, Xenophon's Cyropœdia; Cleveland's Greek Antiquities, Lempriere's Classical Dictionary and Butler's Atlas Classica

ENGLISH

Swett's and Brown's Grammar, Whatley's Rhetoric

HISTORY

Robbin's Ancient and Modern History; Rollin's Ancient History, Fergusons Roman Republic, Gibbon's Rome, Russel's Modern Europe, Standard Authors' United States History

MATHEMATICS

Davie's Mathematics, Fowler's and Church's Calculus, Cambridge Topography, Mahan's Civil Engineering

SCIENCES PHILOSOPHY AND LAW

Enfield's Natural Philosophy, Bakewell's and Hitchcock's Geology, Turner's Chemistry, Moral Philosophy, Wayland's Political Economy and Moral Science, Abercrombie's Intellectual Philosophy, Whatley's Logic, Paley's Natural Theology and Evidences of Christianity, Story on the Constitution, Burlamaqui and Chapman on Natural and Political Law, Vattel's Law of Nations

MILITARY

Ransom's Tactics, O'Connor on the Science of War and Fortifications

A Preparatory department was conducted during 1845 and 1846 The studies were the same as those pursued in most New England academies. The students in this department were subject to the same regulations as the cadets in the regular departments. They were allowed to attend without charge the lectures given at the University, suited to their acquirements

The needs of the Library were carefully provided for by the trustees On December 9 1845, it was voted that the executive committee visit the Library semi-annually or oftener and report its condition to the trustees On July 8, 1846, the executive committee made a report on the needs of the library. It was voted that the library be open for the distribution of books on Saturday afternoon of each week and that the librarian keep an account of books loaned Professor Jackman was appointed librarian in 1845, and served until September 18, 1847.

Candidates for admission to the Scientific department were required to pass examinations in Geography, Grammar, Arithmetic, and Algebra as far as the simple equations The candidates for admission to the Classical department, in addition to the above, were required to pass satisfactory examinations in Andrew's and Stoddard's Latin Grammar, Andrew's Latin Reader, and the first course in some standard Greek reader. The cadets were permitted to pursue such studies as their attainments and abilities might allow, or their plans for a future career required, and on leaving the University, if a complete course had not been completed a certificate signed by the president was given them stating the work they had taken.

The cadets were permitted to progress as rapidly as possible in their studies It required from three to five years to complete the regular course

During 1843–45, the academic year was arranged in two sessions of twenty-two weeks each, and each session into two quarters of eleven weeks each The fall term commenced on the first Monday in September. In 1846 the academic year was divided into three terms, Fall, Winter and Spring, of eleven weeks each. The fall term began September 1

During 1844-45, one public examination was given each year beginning on the Monday of the week preceding Commencement, and lasting the whole week In 1845 and 1846 the public examination was given on the Thursday preceding Commencement, and lasted until Saturday. During 1844-45, Commencement was

held on the third Thursday in August In 1846, the commencement day was changed to the second Thursday in July.

During 1844–46, lectures were given for the benefit of the State militia On July 17, 1845, the trustees voted to give instruction gratuitously to the officers of the Vermont and New Hampshire militia. To what extent the officers availed themselves of this instruction is not definitely known.

In 1845, a great rivalry existed between the Light Infantry and the Artillery Companies of Woodstock, both celebrated organizations in the early history of the Vermont militia Captain James H Murdock, Lieutenant George Moulton and Porter B Southgate, officers of the Light Infantry Co , feeling the need of military training, went to Norwich, and for two weeks or more drilled with the cadets, and received the regular military work President Ransom refused to receive any pay for the instruction, and wishing to make some acknowledgement of the kindness shown them by the University authorities the officers clubbed together and had a seal of the University made in Boston, which they presented to the University. The seal was used at the University until August 1, 1866.

On July 9, 1846, it was voted to discontinue the granting of the degree of M D During the years 1844–46, this degree was conferred upon two persons.

The military organization and the rules and regulations were continued as in Chapter II There was practically no change in the uniform

During 1842, 1843 and 1844, no military trips were taken, but in June, 1845, the long anticipated march to Burlington, Vt , was taken

Organized as a battalion, the corps of cadets under command of President T. B Ransom and General Jackman, and preceded by their band under the leadership of Francis X. Chase, '47, left Norwich, Monday A M , June 31, 1845 They reached Quechee at noon, Woodstock in the early afternoon, and Bridgewater in the early evening, where they encamped that night, having marched twenty-two miles Several of the cadets, not caring to sleep on the ground, bunked in the village church On Tuesday morning they continued their march over the main range of the Green Mountains, between the Shrewsbury and Killington peaks to Rutland, reaching that town in the early evening A heavy shower that night prevented an early start from Rutland the next morning They took dinner at Castleton In the afternoon it

rained heavily, but the march was continued and Whitehall was reached in the early evening They bunked that night in a sail loft near the wharf The next morning at 6 A M, they boarded the *Whitehall* for Burlington, reaching that city in the afternoon They were met by Carlos Baxter, '24, and several prominent citizens who offered them entertainment, but as the corps was well supplied with rations, their kind hospitality was declined The corps encamped in the City Hall Square, several exhibition drills were given that night

On Friday, July 4, the corps took part in a parade in the forenoon and after dinner they visited the University of Vermont In the early afternoon camp was broken and they proceeded to Richmond, fifteen miles distant It rained heavily in the afternoon and the corps reached Richmond in a demoralized condition They bunked that night in the hay loft of the hotel barn On Saturday, July 5, they left Richmond and proceeded to Montpelier As they neared Middlesex, they met large wagons sent out by the people of Montpelier to give them a "lift." This thoughtfulness was greatly appreciated by the cadets They were billetted with the inhabitants

On Sunday, July 6, they attended the Episcopal church in the morning, the Congregational in the afternoon, and the Methodist in the evening Early Monday morning they left Montpelier for Chelsea, where they were hospitably entertained by the people They reached Strafford at noon the next day, July 7, and were entertained by Judge Jedediah H Harris, Hon Daniel Cobb, father of N B Cobb, one of the cadets, and Dr A Pierce, father of John S. Pierce, one of the corps A bountiful dinner was served them on the veranda of General Smith's hotel After dinner several drills were given, also a concert by the band. The corps reached Norwich in the early evening

We give the following incident of the march in 1845, from the pen of General George W Balloch, 47

'The corps left Burlington, Vt, *en route* for Montpelier, July 4th, at 3 P M, our objective point being Richmond, fifteen miles distant I was in Co A commanded by Charles Dennison, and we were the rear guard When out a few miles, we were assailed in the rear by a couple of fellows loaded to the muzzle with patriotism and cheap whiskey The road was bordered on either side by a stump fence, as formidable as a well constructed abatis When our bellicose friends had come pretty nearly up to us, quick as thought came the command, 'Halt! Order Arms! Fix Bayonets! Shoulder Arms! About Face! Charge Bayonet! Double Quick'! Away we went in fine style, and away went the enemy over that stump fence, one of them leaving his coat-tails on a projecting root, as a trophy of victory in our hands I

never saw better running than those fellows made through a field of growing corn I have seen several bayonet charges since, but none better executed or more effective than that Somehow the incident came to General Ransom's ears, and he had lots of fun out of it at our expense, compared us to the Old Guard of Napoleon, and as a mark of distinction, on account of our valor on this occasion, Company A had the post of rear guard the rest of the trip

In June, 1846, General Ransom was invited to visit Boston with his corps The cadets, under command of General Ransom, left Norwich in the early morning of June 10, 1846 They were officered as follows President Ransom in command, Professor Alonzo Jackman, lieutenant colonel, S M Preston, '45, major, Tutor C E Dennison, '45, adjutant The march led through Hanover, Lebanon, and the "Shaker Village" in Enfield, to Canaan, where they pitched their tents the first night, having marched thirty miles Their march through the country produced great excitement. The Mexican War had broken out and the people along the line of march imagined the cadets were soldiers on the way to the war They marched about twenty-five miles the next day, and camped about five miles from Concord They broke camp the next morning, June 12, at 6 A M., and proceeded to Concord They were met by a militia company and escorted to the State House yard, where they encamped After dinner the corps paraded through the streets of Concord, and then were marched to one of the churches where patriotic speeches were made in the support of the Mexican War Franklin Pierce, then a private in one of the Concord companies, made the principal speech, General Ransom also made an eloquent address A dress parade was given that evening

The next morning the corps gave exhibition drills before several thousand spectators They were invited to visit Manchester as the guests of the Stark Guard of that city, and soon after the drills took the cars for Manchester This was a treat, as many of the cadets had never seen a train before They were received in Manchester by the Stark Guard and escorted to the City Park After the exhibition drills were given the corps was served an elaborate dinner in one of the large halls of the city In the afternoon they proceeded to Nashua by train From now on and until their return to Concord the trip was made by train They were received with great kindness by the citizens of Nashua, exhibition drills were given before large crowds They reached Lowell the next day Saturday, June 14, and encamped on the common. Sunday was spent in Lowell the cadets were glad to

have a day of rest, and they attended one of the churches They proceeded to Boston June 16, and were escorted to Boston Common, where they encamped. A banquet was given them in the historic Faneuil Hall. The corps was somewhat demoralized when they reached Boston their constant exposure to the sun, severe work and irregular meals, began to tell on the men Their band had "blown themselves out," as an old cadet expressed it, so by the time they reached Boston they had to procure another Bond's celebrated band was hired, and furnished music during their stay in that city

On the night of the 16th a severe thunder storm came up, their tents were blown down and their clothing and bedding drenched The next day, June 17, the corps visited the Bunker Hill Monument, the Navy Yard and several other places of interest. In the afternoon they broke camp and took the train for Concord, where they staid that night and, owing to the condition of their camp equipment were allowed to bunk in the North Church They were hospitably entertained by the citizens of the city. The next morning they began their march to Norwich and that day proceeded thirty miles.

They reached the University in the early evening the next day, June 19 On this trip the corps received much valuable military experience which was in a brief time to be of advantage to several of the cadets who served in the war in Mexico

In 1844 the expenses were as follows, tuition per quarter of eleven weeks $8 or $32 for the year, room rent $8 per year, incidentals $1 per quarter or $4 per year, board and washing at the boarding hall or in private families $1 per week, wood per cord, $1 During 1845–46 the tuition was reduced to $6 per quarter and the room rent to $6 per year. The tuition in the primary department was $3 50 per term

The number of regular studies was three for each cadet, but the students were allowed to take more if capable of carrying their work

During 1844–45 the charge for the instruction in the extra studies—French Spanish and Italian languages Music and Fencing was $4 per quarter In 1846 the charge for each extra study was one dollar per term modern languages $2 per quarter, and Music and Fencing $4 a course.

A 'commons" was conducted by the University, but the cadets were not required to board there Clubbing and self boarding were practiced and it is stated "the expenses of those who live in

this manner, varied from fifty cents to one dollar per week, in no case need they exceed one dollar."

The cadets were required to attend church, and "the reading of the Holy Scriptures is likewise urgently recommended to all during their leisure hours, but on Sundays particularly."

Debating societies were conducted by the cadets, and proved of great value for oratorical training.

A fine band was conducted by the cadets during 1844–46. music was furnished by the organization on the marches to Burlington and Boston.

The commencement of 1844 came on Thursday, August 15. At 10 o'clock A M, a procession was formed in front of the University by Col W F Lewis, assisted by Lucius Hurlbut, '40, and H H Carey, '44, and, headed by the Croydon (N. H.) band, was marched to the Congregational church where the following orations were delivered "Progress of Scientific Knowledge," Charles E. Dennison, "Our Revolutionary Fathers," Edmund B. Kellogg; "Duties of American Citizens," Marshall Perkins, "Literary and Scientific Pursuits not Inconsistent with Religious and Moral," Daniel S C M. Potter, "Dignity of Agricultural Labor," Thomas Clark, "Mathematics, their Rank and Utility," Simon M Preston; "Progress of Man," Stillman Hemenway, "Harmony of Natural and Revealed Religion," John G. Parker, "Fate of Learned Men," Orlando D. Miller, "American Institutions, their Character and Destiny," Edwin McNeill, "Chivalry of the Middle Ages," John W Barnard Cadet James W Putnam read an original poem, "Washington."

At 3 P M the corps marched to the church, where the ceremony of presenting a beautiful banner to the cadets took place. Miss Cornelia M. Burton presented the banner in the following address "Gentlemen As a token of our respect for yourselves and teachers, and also of our admiration of your system of education, please accept this banner and although trifling the gift, believe, that it is not always the most rare or costly that exhibits the sentiments of the donor We do not intend by this act to encourage a bloody system of warfare, yet, as under peculiar circumstances war is inevitable, to be prepared for it is the duty of every American Citizen, and while we sincerely hope it may never be the fate of our banner to wave over the bloody field in defence of our country's right, we do not fear that it will ever be dishonored."

Cadet J. M Barnard made an eloquent address in response.

This l[illegible]

On one side it is beautifully embroidered with the seal of the University, and on the other side appears the inscription, "Presented by the young ladies of Norwich August A D 1844, to the Cadets of Norwich University." This banner is now one of the cherished relics of the University and is carefully preserved in a case in the Carnegie Library To realize how well the cadets have merited the belief that it would never "be dishonored" one has only to read the long "roll of honor" of those who have achieved distinction on the field of battle, fighting for our country

Rev Isaac D Williamson (q v) of Mobile Ala, delivered the commencement address, and Mr Charles G Eastman, honorary graduate, '42, (q v) delivered an address before the Literary Associations

In 1845, the commencement was held July 17. A public dinner was given at the Union Hotel, by Mr J T Burnham

On the declaration of war with Mexico, in May, 1846, General Ransom took an active part in the support of the government The war was not popular in the north, as it was felt that it was a move on the part of the Democratic party to extend the slave owning territory President Ransom was an active Democrat, and while he did not uphold slavery yet he felt it his duty to support his party During the fall of 1846, much of his time was given to attending political meetings and Professor Butler served as president in his absence

On the organization in New England of the Ninth U S Regiment, later known as the "Old Ninth New England," President Ransom was tendered a commission in that regiment and at once began enrolling troops On May 7, 1847, he resigned as president of the University, and Professor Butler was appointed acting president

CHAPTER IV

Norwich University, 1846-66

Administrations of Presidents Butler and Wheaton—Mexican War—Edward Bourns Elected President—Faculty—Attendance—Courses of Study—Text Books—Library—Requirements for Admission—Terms—Vacations—Military Organization—Uniforms—State Loan of Arms—Marches—Expenses—Societies—Clubs—Reveille Founded—Dartmouth Feuds—Reminiscences—Comments—Attempt at Removal of "N U"—Educational Conventions—Civil War—Old South Barracks Burned—Removal to Northfield

Prof James D Butler assumed the duties of acting president of the University on May 7, 1847 His duties were most arduous The cadets were stirred with a patriotic zeal to enter the army with their popular president Colonel Ransom offered commissions to several of the cadets, but they were refused owing to the opposition of the parents As was stated in Chapter III, the Mexican War was not popular in the north, hence the refusal of the parents to allow the cadets to enter the service

Several of the cadets, however, entered the army Jesse A Gove was commissioned 2d lieutenant in President Ransom's regiment John W L. Tyler left to enlist in the artillery and later became an officer Henry O Brigham, though but a mere boy, was allowed to go with President Ransom as a drummer boy Charles E Tilton was offered a captain's commission in the 9th New England regiment His father refused to allow him to accept it and on condition of his not entering the army, gave him the money to travel in South America A full account of the service of the cadets in the Mexican War is given in Chapter IX

Owing to the unsettled conditions existing in the corps, the academic work was suspended on September 18, 1847 President Butler worked faithfully to hold the cadets and in April, 1848, the academic work was resumed He tried to secure as President Ransom's successor, Benjamin Atwood, then a captain in the United States army at Boston, and later a paymaster-general of the army Captain Atwood was not in favor of the war, and while he wavered [illegible]

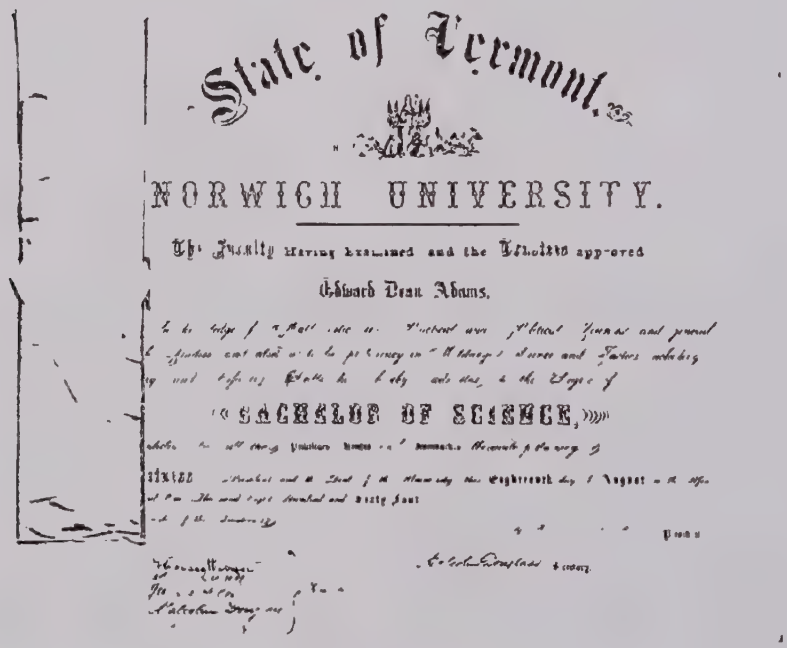
ordered to the field Professor Butler did much to bring the University before the public by delivering lectures, on his foreign tours in various towns in Vermont, New Hampshire, and in other states On August 18, 1847, he resigned his professorship and accepted the pastorate of the Congregational church in Wells River, Vermont He, however, continued to act as president of the University until February, 1848

Prof Henry Steward Wheaton, A M, of Dudley, Mass, a graduate of Brown University of the class of 1841, and a law student at Harvard College, 1841–42, was elected president of the University on January 29, 1848, and in February of the same year began active work for the University He held this position until August 15, 1849, when owing to failing health, he resigned, and in October of that year went to California in company with General Jackman On August 16, 1849, Simon M Preston, '45, was appointed executive officer of the University and had full charge of the management until August, 1850 In September, 1850, Prof Edward Bourns, A M, LL D, a graduate of Trinity College, Dublin, Ireland, of the class of 1833, was elected president Professor Bourns was a distinguished scholar and had served as a teacher in a classical school in Philadelphia and as professor of the Greek and Latin languages at Hobart College, New York In 1841 he was ordained priest in the Episcopal church, and had gained distinction as a clergyman His inauguration as president was hailed by the Alumni and friends of the University as a turning point in the prosperity of the Institution

President Wheaton held the chair of Ancient Languages and Literature until August, 1849 He was a fine classical scholar and did much to raise the standard of scholarship at the University Hon. Aaron Loveland, A M, acted as vice-president until 1859 Daniel S C M Potter, A B of the class of 1845 was appointed tutor of the Modern Languages on August 18, 1847, and during the suspension of the academic work at the University taught private classes in Norwich On April 17, 1848, he was appointed associate professor of the Ancient Languages and held the position until November 6, 1848, when he was succeeded by Captain Thomas W Freelon Professor Freelon was a native of Norwich and a graduate of Dartmouth College, class of 1843 He had seen much service in the Mexican War, and had just resigned from the army with the rank of captain. He proved an efficient instructor in tactics, but his term of service at the University was short, as he resigned on May 18, 1849

Professor Jackman was given in August, 1849, a leave of absence of three years, and he went to California in October, in company with President Wheaton

In August, 1849, Simon M Preston, A. M of the class of 1845, was appointed professor of Natural Philosophy, Natural Sciences, and Military Tactics, and held the position one year Rev Loami Sewall Coburn, A M , a graduate of Dartmouth College, class of 1830 and pastor of the Congregational church in Norwich, was


State of Vermont.

NORWICH UNIVERSITY.

Edward Dean Adams.

BACHELOR OF SCIENCE,

A Diploma of 1864.

appointed professor of Ancient Languages and Literature, which position he held one year Jacob Parker Gould, B S , of the class of 1849 served as tutor during 1849–50

In September, 1850, Rev Edward Bourns became professor of Moral Sciences, Ancient Languages and Literature and for a period of twenty years held this position endearing himself to the members of succeeding classes through his eminent attainments, his kindly sympathy and his delicate and incisive wit Clinton S Averill, B S , '49, succeeded Professor Preston as professor of the Natural Sciences an

returned to the faculty as professor of Modern Languages, History and Belles-Lettres, which position he held until August, 1851 Samuel Johnson Allen, M D , a graduate of the Castleton (Vermont) Medical College, served as lecturer on Anatomy and Physiology, 1850–51

In September, 1852, Prof Alonzo Jackman resumed his position of professor of Mathematics, Military Science and Tactics, and continued this position with very little change of work until his death, February 28, 1879 In 1852, Rev Moses Strong Royce, A M , graduate of the University of Vermont, class of 1844, was appointed professor of Ancient and Modern History and Belles-Lettres, which position he resigned in August, 1853

In 1853, William Caldwell Belcher, A M a former cadet of the University, class of 1840, and a graduate of the University of Vermont class of 1842, was elected professor of the Natural Sciences He proved a most capable instructor He resigned at the end of the academic year to take up the study of law

In 1854, Professor Jackman took the work in Natural Sciences in addition to his regular studies. Thomas Russell Crosby, A M , M D , a graduate of Dartmouth College, class of 1841, became professor of Anatomy and Natural History and held the position until 1862

In 1855, Professor Clinton S Averill returned to the University and relieved Professor Jackman of the work in the Natural Sciences In 1856, he resigned and Professor Jackman again took this work

In 1859, Alfred Gaudelet, A M. was appointed instructor of Modern Languages and Daniel Hoyt Sherman, a graduate of Chandler School, Dartmouth College, instructor of Mechanical and Topographical Drawing

In the fall of 1860, Samuel Walker Shattuck, B S , of the class of 1860, was appointed instructor of Mathematics and Military Tactics, which position he held until he entered the service in 1863

In 1861, George Baillard succeeded Alfred Gaudelet as professor of the Modern Languages This same year Professor Sherman resigned and Professor Baillard took his work Professor Averill again returned to the faculty in April, 1861, and acted as professor of the Natural Sciences until August, 1862

Edouard Chamier succeeded Professor Baillard in 1862 as professor of Modern Languages and Literatures, Linear, Architectural and Landscape Drawing. Rev Charles Leland Balch, a graduate of a New York University and St John's College,

Cambridge, England, was appointed professor of the Latin and Greek Languages and Literature, relieving President Bourns of a portion of his work Professor Balch was an especially able instructor and had issued several valuable text books

In August 1863, Albert H Gallatin, A M , M D , a graduate of New York University and of the College of Physicians and Surgeons of New York City, became professor of Chemistry, Geology and Mineralogy In 1864, Henri Louis Delescluze, A M , succeeded Edouard Chamier as professor of Modern Languages, Architectural and Landscape Drawing, and retained the position until 1867. Professor Delescluze was a graduate of a French University and a very able instructor In August, 1864, Professor Gallatin resigned

Charles Nelson Kent, B S , of the class of 1864, was appointed instructor of Mathematics and Military Tactics in the summer of 1864 Professor Balch resigned in August, 1864, and Clinton Jones Hartt, A B was appointed instructor of the Latin and Greek Languages and Literatures and held the position until the winter of 1865, when he resigned

Capt Samuel Walker Shattuck, B S , returned to the faculty in the fall of 1865 as adjunct professor of Mathematics, History and Military Tactics

The total attendance for the years 1847–66 was 797 Of this number 185 were graduates

During this period railway construction was especially active and many of the cadets on securing positions did not wait to receive their degrees

Two courses were given at the University during this period, the Classical and Scientific The courses were nearly identical, as the classical men were required to carry all the mathematics of the Scientific course During 1847–54, it took three years to complete the Classical course and two years for the Scientific In 1855, the length of time to complete the course was extended to four and three years, respectively

CLASSICAL COURSE 1847–66

1847–50

English Grammar, Ancient and Modern Geography Ancient and Modern History Rhetoric, Logic, English Literature, Moral Science, Mental Philosophy, Natural and Political Law, Natural Theology, Evidences of Christianity Political Economy Con-

stitution of the United States, Ancient and Modern Languages, Algebra, Geometry, Navigation, Surveying, Analytical Geometry, Descriptive Geometry, Trigonometry, Mensuration, Calculus, Natural Philosophy, Chemistry, Astronomy, Geology, Mineralogy, Military Tactics, Topographical and Military Drawing, Military Science, Civil Engineering

The work was taught as follows

First Year Fall term, English Grammar, Rhetoric, Algebra, Geometry, Latin Grammar, Odes of Homer, Spring term, Ancient History, Ancient Geography, Rhetoric completed, Algebra and Geometry completed, Latin Grammar, Satires of Horace, Summer term, Modern History, Modern Geography, Logic, Geology, Mineralogy, Latin Grammar, Cicero de Oratore

Second Year Fall term, Logic completed, Lectures on Common Law, Analytical Geometry, Natural Philosophy, Latin Grammar, Cicero de Senectute, Spring term, Natural Theology, Evidences of Christianity, Political Economy, Descriptive Geometry, Astronomy, Latin Grammar, Terence, Summer term, Political Economy completed, Moral Science, Chemistry, Navigation, Latin Grammar, Satires of Juvenal

Third Year Fall term, Moral Science completed, Natural and Political Law, Davie's Lights and Shadows, Topographical Drawing, Greek Grammar, Euripides, Spring term, Intellectual Philosophy, Constitution of the United States, Differential and Integral Calculus, Greek Grammar, Sophocles, Summer term, Constitution of the United States completed, International Law, Civil Engineering, Greek Grammar, Demosthenes de Corona

1850–55

First Year Fall term, Virgil with Prosody, Leipsic in Class, Xenophon's Anabasis, Greek Grammar reviewed, Algebra, Geometry, Winter term, Livy, Latin Prose Composition, Herodotus, Algebra, Geometry completed, Trigonometry and Mensuration, Spring term, Horace (Odes) Mythology, Homer; Fiske's Antiquities, Analytical Geometry, Natural Philosophy Summer term, Horace (Satires) continued, Homer continued, Natural Philosophy completed, Navigation and Surveying

Second Year Fall term, Terence, Greek Composition, Descriptive Geometry, English Grammar, Winter term, Cicero de Oratore, Sophocles Differential and Integral Calculus, Whatley's Lessons on Reasoning; Spring term, Juvenal and Persius, Aeschy-

lus, Astronomy, Russell's Elocutionist, Summer term, Plautus Captivi, Demosthenes, Shades and Shadows, Rhetoric

THIRD YEAR Fall term, Civil Engineering, Mechanical Drawing, History of Greece, Political Economy; Winter term, Chemistry, Manual of History, Taylor's Conduct of the Understanding, Spring term, Cicero's Tusculan Questions, Geology, Logic, Psychology, Locke on the Human Understanding, Summer term, Plato's Defence of Socrates, Mineralogy, History of Civilization, Butler's Analogy.

1855–61

FIRST YEAR Fall term, Algebra, Roman History, Virgil, last six books, Latin Grammar, Spring term, Algebra finished, Geometry commenced, Greek History, Rhetoric commenced, Xenophon's Anabasis, Greek Grammar, Horace's Odes, Latin Prose Composition, Summer term, Geometry finished, Rhetoric finished, English History, Horace's Odes, Prosody, Herodotus commenced, Latin Prose Composition

SECOND YEAR Fall term, Chemistry, Herodotus, Horace's Satires, Cicero's Brutus, Homer completed, Greek Prose Composition, Spring term, Trigonometry, Mensuration, Descriptive Geometry, Geology, Livy, Latin Prose Composition; Summer term, Homer continued, Greek Prose, Composition, Mineralogy, Shades and Shadows, Surveying

THIRD YEAR Fall term, Plautus Captivi, Terence, Logic, Roman Antiquities, Analytical Geometry, Spring term, Euripides, Sophocles, Cicero de Oratore, Greek Antiquities, Physiology, Natural History, Differential and Integral Calculus, Summer term, Analytical Mechanics, Juvenal and Persius, Laws of Nations

FOURTH YEAR Fall term, Acoustics and Optics, Constitution of the United States, Political Economy, Psychology, Intellectual Philosophy, Demosthenes and Longinus Spring term, Intellectual Philosophy completed, Philosophy of the Mind, Kames' Elements, Tacitus, Cicero's Tusculan Questions, Political Economy completed, Astronomy, Summer term, Navigation, Civil Engineering, Kames' Elements completed, Field Practice with Instruments

1861–64

FIRST YEAR Fall term, Algebra, Roman History, Virgil, Latin Grammar, Spring term, Algebra completed, Geometry commenced, History of Greece, Xenophon's Anabasis, Latin Prose

Composition, Summer term, Geometry completed, English History, Horace's Odes, Prosody, Herodotus commenced, Latin Prose Composition

SECOND YEAR Fall term, Chemistry, Rhetoric, Herodotus, Horace's Satires, Cicero's Brutus, Homer, Greek Prose Composition Spring term, Trigonometry, Mensuration, Descriptive Geometry, Geology, Livy, Greek Prose Composition, Summer term, Surveying Navigation, Shades and Shadows, Homer, Mineralogy

THIRD YEAR Fall term, Analytical Geometry, Logic, Plautus' Captivi, Terence, Roman Antiquities, Spring term, Differential and Integral Calculus, Physiology, Natural History, Euripides, Cicero de Oratore, Grecian Antiquities; Summer term, Analytical Mechanics commenced, Laws of Nations, Juvenal and Persius

FOURTH YEAR Fall term, Analytical Mechanics completed, Constitution of the United States, Political Economy commenced, Psychology, Demosthenes and Longinus, Spring term, Acoustics and Optics, Intellectual Philosophy, Philosophy of the Mind Political Economy completed, Kame's Elements, Tacitus, Cicero's Tusculan Questions, Summer term, Astronomy, Civil Engineering and Field Practice, Kame's Elements, Rhetoric

1865–66

FIRST YEAR Fall term, Livy, Xenophon's Memorabilia, Algebra, Roman History, Spring term, Horace's Odes and Epodes, Homer, Algebra completed, Geometry commenced, History of Greece, Summer term, Cicero's de Officis or Oratore, Homer, Herodotus, Geometry completed, History of England, Latin and Greek Prose Composition through the year

SECOND YEAR Fall term, Satires and Epistles of Horace, Aeschylus or Sophocles Chemistry, Physiology, Spring term, Juvenal and Persius, Euripides Alcestis and Medœa Trigonometry, Mensuration and Descriptive Geometry, Geology, Summer term, Tacitus, Plautus Captivi, Demosthenes' de Corona or Aeschines, Shades and Shadows, Surveying Mineralogy, Roman and Grecian Antiquities through the year

THIRD YEAR Fall term, Terence, Analytical Geometry, Rhetoric, History of Civilization, French Spelling Lessons, Fasquelle's Grammar, Spring term, Thucydides, Differential and Integral Calculus, Democracy of America, Williams French Conversation, Perrin's Fables, Summer term, Cicero's Tusculan Questions, Calculus completed, Mechanics commenced, Political

Economy and Constitution of the United States, French, Paul and Virginia, Fasquelle's Grammar, Spanish Language, (elective)

FOURTH YEAR Fall term, Mechanics completed, Law of Nations, Logic, French, Michelet's History, Porteym's Grammar, Spring term, Acoustics and Optics, Intellectual Philosophy, Psychology and Kame's Elements, French, Molière, Summer term, Astronomy and Civil Engineering, Moral Science, Rhetoric

SCIENTIFIC COURSE 1847–66

1847–50

In addition to the studies in Military Tactics and Military Science a student to be entitled to a certificate as a Civil Engineer was required to complete the following branches English Language, Geography, Rhetoric and Logic, History, Geometry, Mensuration, Navigation, Analytical Geometry, Natural Philosophy, Algebra, Trigonometry, Surveying, Descriptive Geometry, Calculus, Chemistry, Mineralogy, Civil Engineering, Geology

1850–52

FIRST YEAR Fall term, Algebra, Geometry English Grammar Lessons on Reasoning, Winter term, Algebra and Geometry completed, Trigonometry and Mensuration, History of Rome, Manual of History, Spring term, Analytical Geometry, Natural Philosophy, Logic Summer term Natural Philosophy completed, Navigation and Surveying, Botany

SECOND YEAR Fall term, Descriptive Geometry, Russell's Elocutionist, Civil Engineering, Gillespie on Roads and Railroads, Winter term, Differential and Integral Calculus, Chemistry, Anatomy and Physiology, Spring term, Astronomy, Geology, Rhetoric Summer term, Shades and Shadows, Mechanical Drawing Mineralogy, Mahan on the Science of War and Fortification

1853–54

FIRST YEAR Fall term, Algebra, Geometry, Winter term, Algebra, Geometry including Trigonometry, plane and spherical, and Mensuration, Spring term, Geometry and Algebra, Roman History, Conic Sections Summer term, Algebra, Geometry, Surveying, Navigation Greek History

SECOND YEAR Fall term, Analytical Geometry, Manual of History, Winter term, Descriptive Geometry, Rhetoric, Spring term, Natural Philosophy, Differential and Integral Calculus, Summer term, Natural Philosophy and Calculus completed

THIRD YEAR Fall term, Chemistry, Mineralogy, Logic, Winter term, Geology, Astronomy, Acoustics and Optics, Political Economy, Spring term, Shades and Shadows, English Literature, Psychology Summer term Civil Engineering, Topographical Drawing, Mental Philosophy

1855–61

FIRST YEAR Fall term, Algebra, Geometry, Roman History, Spring term, Algebra Trigonometry Mensuration, Descriptive Geometry Greek History, Rhetoric commenced, Summer term, Algebra, Geometry, Shades and Shadows, English History

SECOND YEAR Fall term Analytical Geometry, Chemistry, Logic, Spring term, Differential and Integral Calculus, Geology, Physiology, Natural History commenced; Summer term, Analytical Mechanics, Mineralogy, Laws of Nations, Natural History, finished

THIRD YEAR Fall term, Acoustics and Optics, Psychology, Constitution of the United States, Spring term, Astronomy, Intellectual Philosophy, Philosophy of the Mind, Political Economy, Kame's Elements commenced; Summer term, Navigation, Civil Engineering, Kame's Elements completed, Field practice with Instruments

1861-65.

FIRST YEAR Fall term, Algebra, Geometry, Roman History, Spring term, Algebra, Geometry, Trigonometry, Mensuration, Descriptive Geometry, History of Greece, Summer term, Algebra, Geometry, Surveying, Navigation, Shades and Shadows, English History

SECOND YEAR Fall term, Analytical Geometry, Rhetoric, Chemistry, Spring term, Differential and Integral Calculus, Geology, Physiology, Natural History, Summer term, Analytical Mechanics commenced, Mineralogy, Laws of Nations

THIRD YEAR Fall term, Analytical Mechanics completed Logic, Constitution of the United States Political Economy commenced, Psychology; Spring term, Acoustics and Optics, Political Economy completed, Intellectual Philosophy, Philosophy

of the Mind, Kame's Elements, Summer term, Astronomy, Civil Engineering and Field Practice, Kame's Elements, Rhetoric

1865-66

First Year Fall term, Algebra Geometry, Roman History, English Philology, Drawing, Spring term, Algebra, Geometry, Trigonometry, Mensuration, Descriptive Geometry, Grecian History, Drawing, Summer term, Algebra, Geometry, Surveying, Shades and Shadows, History of England, Drawing

Second Year. Fall term, Analytical Geometry, Chemistry, History of Civilization, Physiology, Rhetoric, French Grammar; Spring term, Differential and Integral Calculus, Geology, Democracy of America, French, Williams' Conversations, Perrin's Fables Drawing, Summer term, Calculus completed, Mechanics commenced, Mineralogy, Political Economy, Constitution of the United States, French, Paul and Virginia, Fasquelle s Grammar, Drawing

Third Year The same studies were given as in the senior year in the classical department (See classical course for 1865)

The following list of text books were used during 1847-66

LATIN

Arnold's Prose Composition, Andrew's and Stoddard's Harkness Grammar, Lincoln's edition of the various Latin Authors, Leverett's Lexicon

GREEK

Text books same as used in 1843-46 See Chapter III

ENGLISH

Wells' and Fowler's Grammar, Whatley's and Campbell's Rhetoric; Graham's English Synonyms, Shaw's English Literature, Russell's Elocutionist

FRENCH

Chouquet's Spelling Lessons, Fasquelle's Grammar Williams' Conversations, Perrin's Fables, Michelet's History, Poitevin's Grammar, Paul and Virginia, Moliere

HISTORY

Smith's Mmifie's and Keightley s History of Greece, Rogers', and Taylor's Manual of History, Guizot's History of Civilization, Keightley's and Liddell s History of Rome, Hume's History of England

MATHEMATICS

Davie's Mathematics, Mahan's Civil Engineering, Gillespie on Roads and Railroads, Mmifie's Mechanical Drawing, Church's Differential and Integral Calculus, Bartlett's Analytical Mechanics, Olmsted's and Bartlett's Astronomy

SCIENCES

Lyell s Geology, Silliman's, Turner's and Rogers' Chemistry, Dana's Mineralogy, Bartlett's Natural Philosophy Acoustics, and Optics, Wood's Class Books on Botany, Cutters Anatomy and Physiology

PHILOSOPHY, POLITICAL ECONOMY AND LAW.

Whatley's Lessons on Reasoning and Logic, Taylor's Edition, Locke's Conduct of the Understanding, Stewart's Philosophy of the Mind, Paley's Evidences, Wayland's Moral Science, Cousin s Psychology, Mahan's Intellectual Philosophy, Hickock's Moral Sciences, Kame's Elements, Reed on the Intellectual and Active Powers, Say's and Bartlett's Political Economy, Cousin's and Story s Constitution of the United States, Chidman s Natural and Political Laws, Wheaton's International Law

MILITARY

O'Connor Mahan on the Science of War and Fortification, Jomini's Art of War, Duane s Manual of Engineer Troops, Scott's Infantry Tactics

During this period an effort was made to increase the usefulness of the library Dr Ira Davis served as librarian until 1852, when he was succeeded by Professor Jackman Instructor Shattuck served as librarian during 1862-63 Professor Chamier, 1863-64, Instructor Kent 1864-65, and Professor Shattuck, 1865-68

In 1854, it was voted by the trustees to have the library opened three days each week. In 1856, Professor Horace Webster presented the University a valuable collection of maps. In 1860 the trustees voted that each member of the trustees be "requested to present or cause to be presented to the library ten volumes of books." The trustees generously responded to this call. Professor Shattuck secured many donations to the library during his term of service.

In 1862, a magazine club was formed by the cadets, and a reading room was maintained by the club until 1866.

During 1848–66 students were not admitted under fourteen years of age. Candidates for entrance to the College or Classical course were required to pass examinations in the common school studies, Algebra, to simple equations, Latin and Greek grammar and Latin and Greek readers. In 1850 Cæsar, Sallust, the first six books of Virgil, the Greek Testament, four Gospels and Acts, Algebra, through the equations of the first degree, were added to the requirements for admission.

In 1851, Virgil's Æneid was added, and in 1852 Cicero's Select Orations and Homer's Iliad, two books or an equivalent.

During 1860–65, the requirements for admission were Latin grammar, Latin reader, Sallust, Cicero's Select Orations, first six books of Virgil, Greek grammar, Greek reader, four books Xenophon's Anabasis, Homer's Iliad, two books or an equivalent, Arithmetic and Algebra through the equation of the first degree.

During 1848–49, candidates for the Scientific course were examined in the common school studies and Algebra as far as simple equations. In 1859, an examination in Algebra through equations of the first degree was required.

During 1848 and 1849, the academic year was divided into four sessions of eleven weeks each. There were three regular terms, Fall, Spring and Summer, a special term was given in the Winter. We quote from the catalogue published in 1849. "The fourth or Winter term is devoted to such studies as may enable delinquent students to recover their standing in their respective classes, to studies of the Modern Languages and Literature, and to studies in the Philosophy of History, more extensive than could otherwise be pursued."

During 1850–54, the year was divided into four terms, Fall, Winter, Spring and Summer. The Fall term began in September, the Winter term in November, the Spring term in February, and the Summer term in May.

During 1855–65, the year was divided into three terms, Fall, Spring and Summer, beginning respectively in September, January and May

During 1847–57, a vacation of three weeks was given in the Winter term, December to January, and one of two weeks was given at the end of the Spring term, and the Summer vacation, lasting four weeks, began at Commencement During 1857–65 a vacation of four weeks came at the end of the Fall term, one of two weeks at the end of the Spring term In the Summer of 1858-62, and 1864, a vacation of four weeks was given, in 1863 and 1865, five weeks, and in 1866, six weeks

The military organization was continued during 1847–66 without change The work of this department was kept up to the standard set by Captain Partridge and Col T B Ransom The teaching at the University was not to lead the cadets to adopt a military career, but to become good citizens and be ready in case of necessity to fight for the defense of our country The following quotation from the catalogue published in 1850 shows that the University authorities fully appreciated the physical benefits the cadets received in the various drills

"The old Gnostic idea, that the body is the enemy of the mind, and should be mortified and macerated as such, is exploded, and it is thought to be the part of a wise system of instruction to train, improve and discipline the body, so that it may be able to co-operate with the mind to execute its highest and best purposes At the same time, the students are under a military organization called Cadets, dressed in uniform and drilled in military exercises This drill is an agreeable relaxation to the student, strengthens the frame and fits him for his mental studies, whilst those habits of prompt, strict obedience and regularity, which always distinguish the soldier, are acquired, invaluable to him in his collegiate course, and in the great business of his after life These habits of promptness and love of order are thus wrought into his character, and are found to distinguish the graduates of this institution throughout their lives, whether they pursue literature, embark in commerce, or adopt any of the learned professions Experience proves that men who are trained to arms know best when and how to use them The love of war is not instilled into the young men of Norwich University, nor are they found to prefer the profession of arms more than any others of the same age and station, however educated, but they are here to acquire a strength of body and manly carriage seldom found amongst merely academic students. Under this system of regular exercise, it is found that young men can perform the same amount of study in three years that usually occupies four in other colleges, and the number of recitations is arranged accordingly In proof that young men educated under military discipline do not necessarily adopt the profession of arms, let the highest military institution in the country be examined West Point Academy itself, whilst it produces some of the best

soldiers in the world, has at the same time furnished about as many ministers of the gospel in proportion to its number of graduates as any literary institution in this country, and those distinguished as much for love of peace and good order as for piety and learning"

The cadets, in rotation, served as officers, non-commissioned officers, officers of the guard, officers of the day and commandants of parade The only regular cadet officer was the adjutant, whose duties were little different from those of a first sergeant, and who fell into ranks with a rifle like any private, at all drills He called the rolls, marched the battalion to meals and church, made frequent inspections of quarters and grounds, read the reports of himself and the officer of the day at morning parade for prayers, and performed certain clerical duties required by the president Two adjutants were usually appointed annually, one holding office from the beginning of the college year to the middle, and the other from the middle of the year to Commencement

The military instruction consisted as it does to-day, of artillery and infantry drills, but more attention was devoted to fencing than has been since the institution removed to Northfield On the walls of nearly every room were grouped, foils, wooden cutlasses and fencing poles Small sword, sabre and bayonet fencing made an important part of the winter drills and an interesting portion of the annual commencement exercises

Strict military discipline was maintained The immediate supervision of the discipline and all matters pertaining to order was in charge of the officer of the barracks, who had quarters in the barracks He was assisted in the preservation of order by the cadet adjutant A short drill was given before breakfast and the regular drill hour extended from 4 to 5 P M

In the fall of 1860 there was a partial change in the method of electing officers We give the "Regulations" in full

ARTICLE I Beginning with the fall term of 1860, the Military seniority of each cadet shall be reckoned by the number of times he has attended Company, Battalion, and Artillery Drills and Guard Duty

ART II When a cadet has passed regularly through the Company and Battalion drills of the Spring, Summer and Fall terms of a year, he shall have a claim to office, which office he shall receive by appointment, in order of his seniority But no cadet shall have a claim to office in a branch of drill through which he has not passed

ART III When a company or battalion is officered, the whole set of officers shall be appointed at the same time Their term of holding office shall be during five successive drills Their appointment and rank shall be according to their Military seniority and their posts as established in the United States Tactics The professor of Tactics, if he thinks advisable, may fill the posts of commissioned officers from the senior class, and the posts of sergeants, from the juniors.

ART IV Should an officer's post be vacant at the time of any drill or parade, the officer in charge of the drill may fill such vacancy for the time, without regard to seniority

ART V When a set of officers shall have held office during the prescribed time they shall return to the ranks

ART VI On public occasions, as commencement and excursions, officers, if possible shall be appointed wholly from the graduating class

ART VII The power to appoint regular officers for drill shall be vested in the professor of Tactics

ART VIII Each absence from regular drills, shall receive demerit marks as follows, viz commissioned officers twenty, non-commissioned officers, fifteen, privates, ten

ART IX When on drill, all disorderly conduct will receive such punishment as the professor of Tactics shall judge proper

ART X The number designating the demerit marks of a cadet, relative to drill, shall be deducted from the number denoting his seniority, and the remainder shall be his true seniority

ART XI The military standing of each cadet shall be given in the term report issued by the president of the University

Captain John M Stanyan, '50, in a letter written in 1896, states

"Drills,—who can forget the loading of a musket in seventeen movements' General Jackman would sometimes drill us almost beyond our endurance, so interested would he become We soon found that if we were at shoulder arms, a slight dropping of the gun butts from the hips would attract his attention and he would command, 'Order Arms, Rest,'—with an apology"

Captain Stanyan gives the history of the term, "Hay-foot, straw-foot" as follows

"We of those days well recollect Scott's company drill commencing with the 'goose step Who has told of the Crowninshields' Is the story true which is related of one of those brothers' It is said that on drilling a squad of farmers boys he attached hay and straw to their ankles, and on being reprimanded said that the young men did not readily catch on to the command, 'Left, Right' and that those attached farm products appealed more directly to them

awakening intelligence, leading them to mark time correctly At least the phrase 'hay foot, straw foot' is well known in army circles to the remotest post"

The cadets wore a blue uniform The drill coat was cut swallow tailed and was covered with three rows of buttons of University design, and similar to the ones later used in Northfield, the collar was trimmed with gold lace The trousers had a black velvet stripe, two inches wide down the outside seam The service coat was single breasted and buttoned with a row of nine buttons The cap was the regulation United States Army, and having a gold plated eagle and the letters "N U " in silver in front White trousers were worn in the summer

In 1862, the custom of wearing class "stripes" was begun We quote from the *Reveille* of April 1862

"The straps for a student in the senior year of the Classical or Scientific course in the University shall be of dark blue cloth, in the shape of a rectangle, one and three-eighths inches wide by four long, bordered with an embroidery of gold bullion one fourth of an inch wide Inside of the embroidery at each end there shall be one gold embroidered bar, of the same width as the border placed parallel to the ends of the straps, at a distance from the border equal to its width, at the middle of the straps there shall be two silver, equilateral triangles, one having an angle to one end of the strap, the other to the other end.

"For juniors of both courses, the same as seniors, except there shall be no bar For sophomores the same as juniors, except there shall be no embroidery on the ends of the rectangle For freshmen, the same as sophomores except there shall be no triangles The embroidery shall be the same kind as that used on the army strap, an imitation of metal may be used if preferred"

In November, 1850, the state legislature of Vermont voted to loan the University two field pieces The guns were taken to the University in the summer of 1851 Dunbar Ransom, 51 who had been for some time a cadet at the United States Military Academy, took charge of the artillery drill

In November, 1852, the state legislature authorized the loan of two heavier cannon than the ones issued to the University in 1850, and in the summer of 1853, they were taken to the University. These guns were in use at "N U." until 1906 when Maj Henry W Hovey, U S A, the commandant, ordered them spiked They are now housed in the cannon shed on the campus In the summer term of 1851, Cadet John B Pike of Lebanon N H raised the money for the erection of a flag pole in front of the University buildings

During this period several practice marches were made General Dodge gives the following account of the marches made during the time he was a cadet

'The trips made during my attendance at the University were– first, to St Johnsbury, Vt We visited the Fairbanks scale works and on our return to Norwich, we reached Thetford on Sunday, and camped on the common A protest was made against our camping there by the ministers as it would interfere with the services of the church fronting the common. Our commanding officer refused to remove the camp and there were no services held in the church A large crowd of people visited us

"We made our next trip to Fort Ticonderoga We marched up the White River via Montpelier to St Albans, and from there took the boat to the fort We returned to Burlington by boat and marched back to Norwich via Montpelier We were under the command of our adjutant, S N Fifield

"The Engineering Corps made several trips to different towns and surveyed them We surveyed White River Junction, Hartford, Woodstock, Thetford and Windsor I have among my papers my plans of some of those surveys We used the compass generally and took the measurements and directions of the roads and put on the maps every house and every farm, the streams, topography, etc This was for the field work of the class We also laid out a line of railroad I think it was on one of the streams near Northfield, about three or four miles long, to give the engineering class the use of instruments There is where I learned the use of the level and transit and compass so that I was competent to take these instruments in the field"

We give accounts of trips taken in 1853 and 1854, from the pen of Col H O Kent, '54

"A notable event of those days was the visit to Fort Ticonderoga By rail to Winooski, just out of Burlington, marching up the hill, topping its crest to look down upon the city and beautiful Lake Champlain, forming around Ethan Allen's grave in the Cemetery on the hill, and marching to quarters in town, the observed of all, the trip down the lake on the *Francis Saltus* the occupancy of Ticonderoga, and our reception along the line, were things to evoke pleasant memories after the lapse of many years The formation was a battalion of four companies, Major (as he was then entitled) Jackman in command

"We were invited, and went to Claremont, N H, July 4, of the same year Shall those of us who were there ever forget how Major Jackman, when the battalion was formed at the High Bridge, two miles out, was kicked and disabled by Marshal Jarvis' horse how Ainsworth adjutant, took command, how we escorted Hon John S Wells of New Hampshire, the orator, and the dignitaries of the day, and how when drawn up for dress parade at sunset, before thousands of people, a little anxious at the absence of our familiar commander, Major Jackman appeared riding in an old-fashioned gig, halted on our front, borrowed a ramrod to serve as a sword, delved his left hand deep in his trousers pocket and brought out the old silver watch and glanced it it, and assumed command with 'Attention, Battalion! How we *did* drill! The crack of the gun butts as they came down as one lingers in my memory still"

On July 4, 1858, the corps marched to Woodstock, Vt, and took part in the celebration given by that town They took part in the parade and gave several exhibition drills. They were

hospitably entertained by the citizens They returned to Norwich, July 5

The corps were invited by the town of Fairlee to assist in the Fourth of July celebration in 1859 and Robert E Hitchcock, '59, was selected by the cadets to lead them He borrowed of Mrs T B Ransom, the historic sword carried by Colonel Ransom in his charge up the heights of Chapultepec

Captain Curtis in writing of this march pays the following tribute to the memory of Lieutenant Hitchcock:

"Dear old Bob, can any cadet of 1857, '58 and '59 forget his handsome, resolute features, and his military dignity? He was made of the same stuff as General Ransom and General Dodge and had he lived, would have divided honors with them Appointed a second lieutenant of marines, June 5, 1861, he had barely joined his company when he was ordered to take it into action at Bull Run and fell in a charge, the first blood for Vermont, and the first sacrifice of 'Old N U ' on her country's altar "

We give an account of the march to Mt Ascutney, Vt , from the *University Quarterly* of July, 1861

"On June 20 1861 a detachment of the cadets started on an excursion to Mount Ascutney, near Windsor Vermont We arrived at Windsor by the noon train, and spent the afternoon in walking about the beautiful village In the evening the Windsor Cornet Band offered its services, and escorted by it, the cadets marched through the principal streets of the town The band played martial music very finely At 9 o'clock P M , the night roll call took place the guard was mounted and the cadets entered upon camp duty in Windsor House Hall Early on the morning of June 21 they marched three miles from Windsor, to the foot of the mountain, halted there till the quartermaster delivered to each man his baggage and then they climbed the mountain, each on his own hook The summit reached, the view therefrom well paid for the labor of the ascent Mount Ascutney is 3,320 feet high, and from its top the view is very extensive and very beautiful The night was spent tolerably in the summit house We rose early on June 22 descended the mountain, made a short halt at the base then formed the company and marched back to Windsor village The whole distance from the summit to the village is six miles, the cadets were less than one hour and a half marching this, exclusive of the rest at the foot of the mountain The cadets returned to "N U " on the afternoon train, June 22 The rations served out during the excursion were obtained by the quartermaster from Mr Simonds, of the Windsor House and were much better than the usual soldier's fare George A Converse was the commanding officer of the excursion Charles E Steele, quartermaster, Henry E Alvord captain of the corps of cadets, J B Thompson and W R Hoyt, sergeants, John W Parsons, officer of the day "

The expenses at the University for the years 1847–54, were: tuition, $7 a quarter, room rent, $2 50 a quarter, incidentals $1 a q[illegible]

fuel 25 cents a week In 1854 the price of board and washing was increased to $2 a week In 1855 the tuition was $9 34 a term, room rent, $3 34 a term, incidentals, $1 67 a term, lights and fuel, 30 cents a week, board, not including washing, $2 to $2 25 a week In 1856, the price of board ranged from $1 75 to $2 25 a week, and in 1859 it was increased to $2 and $2 25 a week In 1861, there was an increase of the expenses tuition was $14 50 a term, room rent $3 50 a term, board $2 to $2 50 a week, lights and fuel 30 cents a week In 1861 the price of board was increased to $3 25 and $4 a week and lights and fuel to 50 cents a week In 1865, the expenses were again increased tuition was $20 a term, room rent $5 a term, lights and fuel 50 cents a week, board $3 25 to $4 a week

During 1847–62 there was a small charge for instruction in extra studies. Music and Fencing In 1862, the charge for each modern language was $5 a term and for drawing $4 a term

We give a description of the Old Barracks and Cadet Quarters, from the pen of Col H O Kent, '54

"The room on the right of the entrance, in front, was the library, while those in the rear were the cabinet and Professor Averill's recitation room Professor Jackman's room was on the second passage, immediately over the entrance The large recitation room was over this, and in it were read morning and evening prayers The armory was the center front room of the fourth passage Roll calls were had in the second passage, the right resting on the north The rooms were practically alike, numerous chimneys provided each pair of adjoining rooms with fireplaces or later with opportunity for stoves, and the space between chimney, passage and outer wall being for closets, thus offered one unbroken side to each apartment These rooms were all 'whitewashed' with a tint, known by the cadets as 'brindle' There were no bedsteads, mattresses or carpets A wooden bunk, three feet wide, with slat bottom, held the blankets and sheets and the recumbent cadet, and was turned up against the wall before morning inspection Over the bunk was the gun rack, with wooden pegs on which were suspended the musket and equipment"

The cadets were required to furnish their own rooms For some years during this period a "commons" was conducted by the University but the cadets were not required to board there

During this period, athletic sports began to gain prominence in the college life In 1860, the baseball club had a membership of twenty Nicholas Tanco was president, C B Stoughton vice-president, W A Phillips, treasurer and Josiah Hall, secretary The officers for 1861 were Charles F Tillinghast president, Charles F Steele vice-president R I Moses secretary Edward T

Jones, treasurer, Charles H Atwood Albert Sabine and J E Pillsbury, directors The club numbered this year, twenty-seven members In 1864, the club was known as the United Base Ball Club, with a membership of forty-two The officers were Thomas J Lasier, president, Ralph Metcalf, vice-president, F T Bottomly, secretary and treasurer William F Ladd, umpire

A Parade Foot Ball Club was organized September 29 1860, with a membership of thirty-six The officers this year were Charles A Curtis president, Edward T Jones, secretary, T H Kellogg, treasurer, C B Stoughton J B Thompson and J W Parsons, directors

In 1864, the corps supported a cricket club of twenty members The officers were Edward D Adams, president John C Boyd, vice-president; Edouard Chamier, secretary and Clayton E Rich, treasurer.

The Amethyteton Society was organized by the cadets in 1847, to raise money to pay for the painting of a portrait of President Truman B Ransom Several entertainments were given by the society for the purpose Jesse A Gove served as president and Charles Ensworth as treasurer A Mr Darling a Vermont artist, was secured to paint the portrait and on its completion it was given by the cadets to the University trustees

In 1866, the portrait was rescued from the flames that destroyed the 'Old South Barracks,' by Frederick E Ransom, son of Gen T B Ransom, '25 then a cadet, assisted by several members of the corp For a number of years it was stored in a chamber in Norwich, and later it was given by some one in Norwich to the State of Vermont, about 1888 the State returned the portrait to "N U," its rightful owner It stood for a number of years in the chapel in Dodge Hall, and is now placed in a room in the Carnegie Library

In 1852, the University Regulators was organized to correct certain wrongs tolerated by the University authorities The society continued in existence until 1854 A full history of the society is given in Chapter X

In 1852, the original Friendship Club was organized for social purposes Each succeeding year clubs were formed until about 1857 Those clubs were pledged to meet on Norwich Plain in 1860 A full account of these clubs is given in Chapter X

The Philomathic Association existed for a short time in the fifties The Parthenon Society was organized about 1859, for literary purposes and continued in existence until 1862

was superceded by the Athenian and Platonian societies These societies were powerful factors for good in the institution Their meetings were held weekly and many brilliant debates marked their proceedings Occasionally joint debates between the two varied the exercises

Two θX Fraternities, and the $\Delta\Sigma\Pi$, born so near together that it has been a disputed question which was the older, afforded vehicles for running the college politics, and handsome badges to be worn on the breast of the dress coats The first is the older in organization, but the latter was the first to occupy a furnished hall, use a fraternal ritual, and raise a first-class bucking goat A complete history of the "frats" given in Chapter X Fraternal rivalries were never bitter during this period. Room-mates were frequently members of different "frats" and formed firm and lasting friendship

The ΠKA Freshman Fraternity was formed about 1858, and continued in existence until 1866

The cadets attended chapel service each morning, and were also required to attend church

So far as known the first publication to be issued by the cadets was the *University Regulator*, in 1853 The paper was issued at irregular intervals by the "University Regulators," mentioned above, and suspended about 1856 The *University Owl* was published by the cadets during 1854-56 Its purpose was similar to the *Regulator*—the correction of certain wrongs tolerated by the authorities

In 1861, the corps joined the association of colleges in the publication of the *University Quarterly* The editors, on the part of the cadets, were Charles A Curtis '61 Edward T Jones, '62 and H E Alvord, '63 The editors for 1862 were Theodore H Kellogg, '62, Thomas J Lasier, 64, and W H Chaffin, 64 The publication of this magazine was suspended in 1862

A chess club was formed in 1859 The officers in 1860, were S W Shattuck, president, Sumner T Smith vice-president and Nathaniel Irish, secretary In 1861, T H Kellogg, president, L D Allen, vice-president, H E Alvord, secretary and treasurer In 1862, T H Kellogg, president, R C Lord vice-president and H E Alvord, secretary and treasurer In 1863 and 1864, R Metcalf, president and R C Lord, secretary and treasurer

According to the *Reveille* of 1860 the corps supported a "Navy," which consisted of the sloop *Flying Cloud*, C B Stoughton commander The boat was twenty-two feet long, five

feet wide and had a draught of two feet It carried a main sail and jib

When the "Navy "was organized the records do not show It continued in existence until 1863 Several minor clubs were organized among the cadets, as the "A A O P B," Charles A Curtis, president, "Cormorants," "Our Mess," "Noblesse," "Lex Trigone" and the "Pi Tau Pi," but their life was of short duration

During this period a band was maintained most of the time In 1860, the members were S T Smith, E C Saltmarsh, E A Chandler, E F Pierce and J C Cocroft.

In 1862, a Glee Club was organized with a membership of nine The officers were George A Bailey, president, W S Vernam, vice-president, Douglass Lee, secretary, W S Goodwin, treasurer, George A. Folsom, director. In 1864, the officers were M B Stebbins, leader, W S Smith, secretary C M Reed, treasurer and H P Davidson, prompter

The history of this period would not be complete without the mention of the warfare between "N U" and Dartmouth The banks of the placid Connecticut were the scene of many encounters The possession of the covered bridge across the river was especially contended for Many accounts of the periodic "scraps" have been preserved

Hon Bela S Buell, '55, gives the following account of a "scrap" which occurred at the end of the Summer term of 1854

"We were attending chapel one evening, toward the close of the Summer term of 1854, when a cadet rushed in with the exciting news that some of the boys were being stoned and insulted by the Dartmouth students on the river All was excitement! We rushed from the chapel *en masse* without leave or license from President Bourns or General Jackman and sprinted for the scene of the conflict The corps at this time only numbered about twenty men, as several had taken their examinations and had gone home We reached Hanover about 9 P M, 'with blood in our eyes' ready to avenge the insult We secured a commanding position on a platform in front of one of the largest stores We were soon surrounded by the 'Darties' who tried to rush us from our position For a time we repelled the advance of the enemy but at last, being overwhelmed by superior numbers, we were driven from our position, but not without loss on the part of the enemy The valiant leader of the Dartmouth band got within striking distance of Tom Pickering who promptly knocked him down and out with a well directed blow from a club he had under his coat The enemy from roofs and upper floors, from across the street, pelted us with eggs—fortunately good ones Many of our force had their coats ripped up the back to the collar The Dartmouth faculty soon appeared on the scene, and [illegible]

then warriors They served as a guard to the river Here our retreat was cut off The enemy had cut the rope that fastened our boat to the bank, causing it to float down the river Through the assistance of some of the Norwich town boys we secured another boat and reached the parade about 12 o'clock We were a sorry looking lot of warriors Some of our force were seriously wounded by kicks, we met the enemy and they failed to be ours, yet we returned to Norwich feeling we had tried our best to avenge the indignities given our men It certainly showed a lot of gall on our part to invade the enemy's stronghold, with a party of twenty men, and undertake to whip a force of over 200 men 'Prexy' and 'Old Jack' sustained us, and we received no reprimand for breaking the Rules and Regulations

'The most famous encounter was the battle of 'Torn Coats,' which occurred in 1859 One of the cadets venturing over to Hanover alone, was seized by the bellicose 'Dartles' who ripped his dress coat up the back The next day the corps were marched to Hanover and after a severe fight a large number of the Dartmouth men received the same treatment they accorded the cadet the day before A full account of this battle is given in Rev Homer White's novel 'The Norwich Cadets'"

Gen J J Estey, '64 contributed the following reminiscence

"I remember very distinctly that in the Spring of 1862 two of our cadets were insulted, or thought they were by some of the Dartmouth students across the river, and one of our men, Bill Hayes, gave one of the Dartmouth men a tremendous threshing, and it was rumored in Norwich that the Dartmouth students had threatened to come over in force and clean us out I happened to be Officer of the Day, and Tutor Shattuck was in command of the South Barracks He immediately gave orders that guards should be posted at each of the first four doors of the first passage, and that the regular guard duty should be performed during the night I remember that the countersign was "Dartmouth" I did not sleep at all that night, and I think it was the most anxious one I had ever passed up to that time, as I expected at any moment certainly up to midnight, to be notified of the approach of the 'Dartles' The men on post declared afterward that I inspected guard every fifteen minutes during the entire night, but day dawned without any attack For some time after that we were very cautious how we went to Hanover, except in good-sized groups"

This was the last contention between the students of "N U" and Dartmouth A unity of feeling was engendered by the Civil War The students of Dartmouth, a classical college, could not understand why men should waste their time in useless drill and sport a uniform The great strife showed them that the education obtained at Norwich was practical and prepared the cadets for immediate service as officers The Dartmouth men manfully acknowledged the great work of the University At a joint meeting held in Hanover, one of the students of that institution stated in a speech "We must acknowledge that you are not only our equals in classic and scientific attainments, but our superiors in

this, that you can buckle on the sword and lead men in this conflict, while we must shoulder the musket"

Thomas J Lasier, 64 in a letter written in July, 1910 to the compiler of this history, in which he gave much data on the organization of the societies and clubs at the University states in regard to athletics

"The most exciting athletic exercise was the usual annual fracas between 'N U' and Dartmouth The point of assembling being the bridge over the Connecticut River between Norwich and Hanover Not infrequently dear old General Jackman headed the cadets and marched us direct to Hanover Village prepared for any emergency The 'N U' boys were always equal to the occasion and though their powerful rivals mustered more men, our military discipline enabled us to always prove the victors, and drive our opponents into their quarters Nothing exercised the Norwich boys so much as to have one of the number, when alone, cornered in Hanover and his buttons torn or cut off by a crowd of Dartmouth students It was on such occasions that our old commander would take us to the enemy's stronghold and receive the satisfaction we demanded The writer recalls one event where we marched to the residence of the Dartmouth president, submitted our grievance and demanded reparation Suffice it to say that we got what we went for"

Many reminiscences concerning the strife between "town and gown" have been preserved

William H Hubbard, '52 furnished the following reminiscence in 1897

'President Bourns was a clergyman and preached over in Hanover on Sunday afternoons, withal he was painfully absent minded It used to be told of him that, upon a certain occasion he went into church with out his sermon Early discovering his dilemma, he called up a boy and charged him with the duty of hurrying to the home at which he was entertained, and bringing the important document The service went on, the prayers were said but still the small boy came not Finally, after the delay had become painful to the congregation and agonizing to the perspiring preacher the youth came puffing in Eagerly grasping the manuscript, he unrolled it and announced his text which happened to be these most appropriate words Ye did run well who did hinder you' Numberless pranks disturbed the equanimity of the faculty The effervescent spirits of the boys were constantly inventing surprises that were distracting to these conservators of discipline The church bell that hung so temptingly near enjoyed but little peace A string tied to its tongue, with the other end anchored at a fourth story window, always enabled us to make night hideous with small danger of detection it was so easy to throw the ball out the window and jump into bed at the first sound of approaching footsteps"

Col Henry O Kent, '54, wrote in 1897,

"Commencement had been holden in the Congregational church, but in 1853 difficulties between Town and Gown culminated The faculty were of the Episcopal

Old cadets will recall the delightful dell in the woods in the rear, just back of the first crest Here the platform was erected, draped with flags, and flanked by the two shining cannon that year allotted to us, and drawn from the station as is still told by the squads with bricoles A more pleasant commencement was never holden than that one A spirit of reprisal was engendered among the cadets evidenced by Finly's old white horse found by the sexton one Sunday morning in the main aisle of the church, by the village bier chained to the elm in front of Benjamin Burton's with the deacon's effigy suspended above, and kindred pranks A truce was called Amity succeeded, and thereafter the church was at the disposal of the University "

'Over the front door, and between the centre window and that next to the south, were the cabalistic letters, scrawled in chalk, but somehow always kept fresh however often they were erased,

B E D
&
E M

the first letter having at first been 'P,' then 'R' and finally in our day, 'B,' and was understood by the initiated to mean, 'Bourne (Partridge, Ransom) Expels Devils and Educates Men,' although the cynics sometimes reversed the translations so to provide for the 'education of devils, and the expulsion of men' "

The commencement of 1849 was held August 16 The following programme was given Address before the trustees by the Rev James Davie Butler, Oration, "The Influence of Literature on Society," Clinton S Averill, Dissertation, "The Connection of Poetry with the Spirit of the Age," J M Clark; Dissertation, "Demagogism," Charles F Kingsbury, Dissertation, "True System of Republican Education," R S Little, Oration, "Love the Moving Principle of Progression," S H McCollister, Dissertation, "Solitude," C J F Stone, Oration, "Mental Advancement," William Partridge, Oration, "Eulogy on Patrick Tracy Jackson," J P Gould

In 1850, the exercises were held August 22 The commencement address was delivered by the Rev Cyrus H Fay, '37, his subject being "Principles better than Policy," the following orations were delivered "The Dissemination of Scientific Knowledge," F. M Lincoln, "Results of Originality," J P Towne, "The Dignity of Labor," William S Saben; Latin oration, "Imperii Romani Casus," L W Pierce, "An Allegory," Obed Foss, "Wealth and Poverty," Royal L Burge, Eulogy, "Robert De La Salle," Wilham D Earle, "The Influence of Rank upon Example," William H Blackburn, "The Life and Times of Louis XVI," F. W Russell; "The Past and Present," H H Gillum.

In 1852, commencement came August 19 The Rev John H Hopkins of New York delivered the commencement address.The Hon Daniel P. Thompson of Montpelier delivered an address before the Philomathic Association and an address was also delivered by the Rev Henry N Hudson of Boston The following orations were given by the cadets "Liberal Principles," Harvey W Emery, "Improvement of the Mind, the Primary Object of Study," Charles V Denniston, "Westward, the Star of Empire Takes its Way," William H Greenwood, "Hungary," Henry H Howard, "Genius and Perseverance as Exhibited in the Student," William H Hubbard, "Man Not a Progressive Being," Oscar H Leland, "Moral Culture," S Curtis Simonds, "The Responsibilities of Educated Man," John P Towne

The commencement of 1853 was held August 11 Rev Alonzo Ames Miner, '33, delivered an address before the Philomathic Association, and Rev A. C Coxe of New Haven, Conn , gave the commencement address The following orations were delivered: "The Inherent Right of Man to Liberty," James E Ainsworth, "Incitements to Mental Exertion," Thomas Gorman, "Genius," Egbert Phelps, "The American Militia System," Henry O Kent; "Romance of French History," Henry O Herrick "Dignity of Labor," William S Burton

In 1854, the commencement exercises were held Thursday morning, August 10 The orations were as follows "The Practical Scholar," Zephaniah Platt, "Americans wholly American," Jonas H Platt, "Execution of Charles I," William H Ensign," Education of the Masses," Thomas S Brownell "Partyism," Oscar E Leonard, "True National Glory," Henry O Kent In the afternoon Rev. Frederick W. Shelton of Montpelier delivered the commencement address and William Stark Esq , of Nashua, N. H , read an original poem before the Philomathic Association.

In 1855, the exercises began on Wednesday, August 8 Bond's cornet band of Boston gave a concert in the evening, after which a Battalion drill was given by torch light On Thursday, August 9, at 9 30 A M the graduating exercises were given in the Congregational church The orations were as follows "The Educated Farmer," Charles H Long, "Moderation—True Wisdom," Samuel E. Briggs, "Political Necessity of War," Charles H Lewis, "Natural Philosophy" W H. C Strong, "National Pride," Brownell Granger, "The Mormons," Arthur Chase, "The Rise and Fall of Nations," Rolo S Buel "The Problems of Life or the Ideal

and the Real,'' William S Burton, "The Review,'' an original poem Delano F Andruss In the afternoon Samuel Elliott of Boston delivered the commencement address, "Education—Past and Present'', Rev Orlando D Miller, '45 of North Adams, Mass, delivered an address before the Philomathic Association. After this address President Bourns conferred the diplomas In the evening the president's reception took place, Bond's cornet band furnished the music

In 1856, the commencement was held August 21. The corps was paraded in front of the South Barracks and, headed by Hall s celebrated cornet band, was marched to the Congregational church, where the exercises were held Orations were delivered as follows "The American's Privileges and Duties,' Frederick N Freeman, "Manifest Destiny,'' Lorenzo Potter, "The Atheist,'' George P Buel, "Education,'' Frederick H Farrar, "Don Quixote the Ancient and Modern,' Arthur Chase, "The True Success of Natural Strenght,'' A E Smith, "Geology and the Bible,'' W. E. Strong Rev Dr Haight of New York delivered the commencement address at 3 P M After the address Infantry, Artillery and Fencing drills were given In the evening a reception was given by the president

The commencement of 1859 was held August 18 In the forenoon orations were delivered as follows "Physical Education its Influence upon Society at Large,'' Cyrus M. Merriman, "Military Education,'' John B Lawrence "The Perfect Ability of Man,' C T Walcott, "Reminiscences of School Life,'' Charles A Curtis, "Improvement in the Art and Weapons of War,'' Robert E. Hitchcock, "Ancient and Modern Art,'' Edgar Parker, 'William, Prince of Orange'' Joseph Stedman In the afternoon Rev J H Eames of Concord, N H delivered the address "The Truly Educated Man'' John G Saxe, the distinguished Vermont poet, read his poem, "The Press'' Mr W K Strong of New York city delivered an able address

The commencement exercises in 1860 were held August 15-16 On Wednesday afternoon, August 15, the cadets gave an exhibition "Zouave Drill,'' skirmish and bayonet drills A concert was given in the evening by the famous Gilmore's Band of Boston, after the concert a torch light drill was given The graduating exercises were held Thursday morning August 16 General L S Partridge, the University Marshal, formed the corps of cadets and visitors in line at the University and then marched the procession to the

Congregational church where the following program was given Oration, "Crusaders," Charles Morton, Oration, "Division of Labor" George W Field, Oration, "Hugh Miller," Sumner T. Smith, an original poem, Charles A Curtis, Oration, "Military Education," Gustavus M Bascom, Oration, "Washington Irving," Samuel W Shattuck, Oration for the Master's Degree "True Liberty, Freedom Subject to Law and Reason," Arthur Chase, LL D In the afternoon Rev George M. Randall, D. D, of Boston delivered an able address, "True Education", and Egbert Phelps '56, read an original poem before the United Literary Society After the exercises the corps gave an artillery drill In the evening a reception was given to President Bourns. After the reception the alumni banquet was served at the Union House At this commencement occurred the first meeting of the Friendship Clubs. A general alumni association was formed A full history of this association is given in Chapter X Many distinguished guests were present, among the number were Right Rev C Chase, D D of New Hampshire, Horace Webster, LL D, President of the New York Free Academy, Rev Dr. Clark of Philadelphia, Rev Dr Mansur of Bennington, Dr J Y. Dewey of Montpelier

In 1861, the commencement exercises were omitted, as the graduating class and many of the upper class men had left the University to enter the service. In 1862, commencement was held August 13 and 14, but we are unable to give the programme.

The commencement of 1863 was held on August 13 and 14 On Wednesday morning, August 13th, infantry drills were given In the afternoon Rev James Davie Butler of Madison, Wis delivered an address, then an artillery drill was given. The Boston Brigade Band gave a concert in the evening followed by a torch light drill On Thursday morning, the graduating exercises were held Orations were delivered as follows "Great Days" Charles H Atwood, "Military Education," Curtis S. Barrett, "Mistakes," William S Dewey, "Comparative Importance of Mathematics and the Classics in a Liberal Education," William Haven, "The Best Government," Rufus L Moses, "Liberty and Equality in America," Charles E Steele, "The Democratic Tendency in Governments," George A Bailey, "Pluck and Grit," Rody Patterson, Jr, "Intolerance," Clayton E Rich. An oration was delivered by George W Bungay of New York city. In the afternoon the Rev Francis Vinton, D D, of Trinity Church New York, delivered the address before the

trustees. Mr. William Winter of New York city read an original poem. After the exercises an infantry drill was given.

In 1864, the commencement exercises extended from August 14 to August 18. On Sunday, the 14th, President Bourns delivered the Baccalaureate sermon. On Wednesday morning, August 17, a battalion drill was given. In the afternoon Professor E. D. Sanborn, LL. D. of Hanover, N. H., delivered an oration; then an artillery drill was given. In the evening the Boston Brigade Band gave a concert, and after the concert a torch light drill was given. On Thursday morning the following orations were delivered: "Per Umbras ad Astra," T. J. Lasier, "The Dignity of the Law," Ralph Metcalf, "The Destiny of Republics," Warren F. Bascom, "New Laws for Hercules," Charles F. Thorndike, "The Effects of War," Charles D. Gregory, "The Militia the Safeguard of the State," Charles N. Kent. In the afternoon Rev. F. D. Huntington, D. D., of Boston delivered an oration before the trustees. Mr. Park Benjamin of New York city read an original poem, music was furnished by the Boston Brigade Band. After the exercises, battalion and skirmish drills were given. The graduating class this year numbered 16. Of this number nine were serving in the army.

In 1865, the exercises extended from August 6 to 11. President Bourns delivered the Baccalaureate sermon on Sunday. On Tuesday evening, prize speaking by the junior and sophomore classes was held. On Wednesday morning a battalion drill was given, and at 3 P. M. an oration was delivered by Frederick B. Perkins of the *New York Independent*. Then a prize drill in artillery by squads Nos. 1. and 2. was given. A concert was given at 8 P. M. by the Boston Brigade Band, followed by a torch light drill. At 8 30 A. M., Thursday August 11, an artillery drill in the school of the piece was given. The graduating exercises began at 10 A. M. in the Congregational church. Orations were delivered as follows: "The Necessity of Military Education," John C. Boyd, "Experience," Joseph S. Richards, "Value of Domestic Manufactures," Charles Henry Smart, "The National Debt," Oscar B. Child, "Claims of Our Times," Frank T. Bottomly, "Revolutions," William W. Howard, "Whatever is, is Right," Harry A. Heward, "Providence in American History," with the Valedictory address, John J. Dewey. At 2 30 P. M. Hon. Caleb Lyon, LL. D. '39, governor of Idaho, delivered an oration before the trustees, an original poem, "The Sirens," was read by Rev. E. W. Shelton of Montpelier. After the exercises skirmish

and battalion drills were given In the evening the alumni held a reunion.

In 1866, the exercises were held during July 29-August 2 On Sunday morning, July 29, President Bourns delivered the Baccalaureate sermon On Wednesday afternoon, August 1, the annual meeting of the Association of Alumni and Past Cadets was held; and in the evening a concert was given by the Boston Brigade Band, followed by a torch light drill On Thursday morning, prize drills were given by the artillery and infantry The commencement exercises began at 10 30 A M The following orations were given: "Hints," Reuel Small, "The Physician's Mission," William C H Needham, "Winfield Scott," James A L. Whittier "The Necessity of Union," with the Valedictory address, Charles H. Reed At 2 30 P M, Hon Daniel Needham of Boston, Mass, delivered an oration before the trustees Capt. Charles A Curtis, U. S A, '61, read an original poem After the exercises, infantry and artillery drills were given, followed by sword and bayonet fencing

During this period several attempts were made by the trustees of the University to re-locate the Institution in a more favorable locality

In 1851, Captain Partridge issued a call for a convention of his former cadets to be held in Norwich, August 13 and 14, for establishing "The Literary, Scientific and Military system of education on a permanent basis in the United States" The meeting was called to order at 9 A M, August 13 by Captain Partridge The following officers *pro tem* were elected president, Joseph C Wright, '42; vice-presidents, Samuel H. Holly and Horace Webster, secretaries, Samuel N Fifield, '51, and F. B Dutton. A committee consisting of Hon Caleb Lyon, '39, General A Diller, William Goodrich, Joseph C Wright, '42, Captain Partridge, Oliver Hastings, Frederick Brewer, '28, Calvin P Newton, '28, and Joseph C Morrill were appointed to present business for the convention The convention then adjourned

At 2 P M, the convention assembled and the above committee presented the following resolutions

"WHEREAS, in every age of the world, and amongst all those nations which have attained the highest degree of eminence in the arts, sciences, literature, and arms, the education of youth has been considered an object of the greatest importance, and whereas, in every free country where the Institutions and government depend entirely on the intelligence and virtue of the people

States, every American citizen is required to act in a double capacity viz, in the capacity of a citizen and soldier therefore

Resolved That the system of education adopted for the youth of the United States should prepare them equally well for the correct discharge of their duties at the ballot box in the halls of legislation in the courts of justice, and on the field of battle whether in the ranks or at the head of our armies

Resolved Therefore that in order to prepare the youth of the United States for the correct discharge of the duties that may devolve upon them in after life they should be correctly and thoroughly instructed in the science of government generally in the knowledge of the Constitution of the United States with all its provisions guaranties and compromises in a correct knowledge of the true character of our Republican Institutions and of the best means of preserving them in their primeval simplicity and purity and also in the several departments of Military Science both theoretical and practical

Resolved That as the education of a large portion of the American youth constitutes the capital with which they must enter on the grand theatre of life it should embrace all those branches of practical useful knowledge that will enable them when combined with industry and integrity to make their way independently and usefully through the world That in such a course of education Political Economy Agriculture the Mechanic Arts Mental and Moral Science, Geography Physical Philosophy and Astronomy the use of the Barometer in calculating the altitudes of mountains Sound Literature Law of Nations Mathematics with their application to Surveying Navigation Civil and Military Engineering and to the several departments of Physical Science should occupy a conspicuous station

Resolved That love of country a sacred regard for the Constitution of the United States and for the Union of these States on strictly constitutional principles obedience to the laws etc should be earnestly inculcated and adopted as cardinal principles in the education of American youth

Resolved That everything of a sectarian character both in religion and politics should be utterly excluded from all the institutions for the education of our youth but that the great principles of natural and revealed religion which tend to promote peace and harmony in society and to make mankind in every respect practically better should be urgently inculcated

Resolved That this convention believing that education is more powerful than the lever of Archimedes to sustain or crush the Civil and Political Institutions of our country according as it is in accordance with or in opposition to the principles of such institutions and also that a system of education based on the principles contained in the foregoing resolutions would be in harmonious accordance with our Republican Institutions deem it of vital importance to the permanency of those Institutions that said system be permanently established in the United States

Resolved That for the purpose of accomplishing this important object this convention deems it necessary that there be established at some suitable location and properly endowed one principal Institution of an elevated character, and such a number of preparatory ones at suitable locations as circumstances will permit

Resolved That for the purpose of raising the necessary funds for carrying into practical effect the foregoing plan all those who have been educated at the A. L. S. & M. Academy at Norwich and Middletown and also those

who have subsequently been educated at Norwich, Buffalo, Portsmouth Va , Bristol, Harrisburg and Reading, Pa , and Pembroke N H , in fine, all those who have worn the *bullet button*, be urgently requested to contribute of their means to aid the accomplishment of this important object

Resolved That the patriotic *citizen soldiery* of the United States the Sword and Buckler of the Republic to repel foreign invasion in times of war and the right arm of the civil authority to sustain the laws in peace and war, be respectfully requested to contribute both their means and influence to this important object It will constitute the most certain means of replenishing their ranks with scientific and well-instructed recruits

Resolved That all who are friendly to a liberal, practically useful, and truly *American system* of education, be respectfully requested to contribute their aid to the accomplishment of the foregoing object "

The resolutions were adopted and a committee of five, consisting of Captain Partridge, chairman Benjamin B Newton Edward M Brown '44, Calvin P Newton '23 Friend P Fletcher 39, was appointed to secure a location for the new Institution Captain Partridge was appointed agent to secure funds for the school

The convention met at S A M , August 14 A corresponding committee was appointed which consisted of the following men Captain Partridge, Edward M Brown, '44, Calvin P Newton '23 Gen James McKay, '27, Col John Winn 41, Gen W W H Davis, '42, Gen E A Phelps 28 Hon Henry W Cushman 25, Washington J Bennett, 28, Hon William L Lee 42, Winfield S Sherwood, '37 Jabez C Crooker, 43 Edwin F Johnson 25 Hon Valentine B Horton 25 and Daniel H Duston, 41

The following resolutions were adopted

"*Resolved* That the general agent appointed by this Convention, at its session on the 13th of August 1851 for obtaining funds for the establishment of a Literary, Scientific and Military Institute be allowed ten percent on all the funds he shall obtain and deposit in the hands of such agent, or treasurer, as this Convention appoints to receive the same at the meeting September 3 1852

Resolved That this Convention composed as well of those who have witnessed the results of Capt Alden Partridge's system of education, as of those who have had the advantage of his instruction, are satisfied from their own experiences and observation that Captain Partridge's plan of education, which he was the first to originate and to carry into practical operation, is the only true American system, and one best calculated to train youth into intelligent scientific, brave, energetic and upright citizens, and industrious and moral men

Resolved That Captain Partridge's system of education, combining as it does, thorough physical training with moral and mental culture, is the only one on which the people can rely to make their posterity truly guardians of our liberty

Resolved That the gratitude of the country is due to Captain Partridge for his untiring exertions in behalf of the great interests of education, and for the influence of his instructions, in the formation of a truly National spirit and character

Resolved That we, his old pupils, hereby tender to Capt Alden Partridge, our sincerest and most hearty thanks for the benefits of the instruction and discipline which we received from him, and of which we become more and more sensible as our years pass away"

A committee consisting of General Diller, William Goodrich, '26, and James S Wallace, '23, was appointed to act on the following resolutions

"*Resolved*· That this Convention has learned with great satisfaction, that a Literary, Scientific and Military Institute, is now established at Reading, Pa That we feel a strong interest in the welfare and success of that Institution, and respectfully recommend to the people of Reading and Pennsylvania to take measures to put the same on a permanent basis That a committee be appointed to confer with the friends of the establishment at Reading, with a view to the best interests of that Institution"

The association then formed a permanent organization consisting of the following officers Captain Partridge, president, John S. Wallace, secretary, Benjamin B Newton treasurer The association then adjourned to meet in Middletown, Conn., on September 3, 1852

Captain Partridge issued the following circular in regard to the new Institution

"Parents and guardians, desirous of entering their sons and wards at an advanced standing under this system of education, are requested to send them if possible, to one of the following institutions, where they will be well prepared to enter at such advanced standing, viz To the New Hampshire Military Institute, at Lebanon, N H, six miles from Norwich, to the Virginia Collegiate Institute at Portsmouth, Va, or to the Pennsylvania Military Institute at Reading, Pa

"The *Principal Institution* will probably be located at Norwich, Vt, or Lebanon, N H, until a *permanent location* shall be decided upon, and opened in the Spring under my personal superintendence and instruction, assisted by able teachers who have been educated under my system In this Institution students will receive a full course of education that will prepare them equally well for any of the learned professions, for civil and military engineers, for active business life, and for public stations whether civil or military

Signed, A PARTRIDGE"

Norwich, Vt, September 1851

The convention met in Middletown, Conn, in September, 1852, and was well attended by the former cadets of the old "A L. S & M Academy" and "N U," and efforts were continued

for founding a new Institution The soliciting committee met with very little encouragement and in 1854 the meetings were discontinued

At a meeting of the board of trustees of the University, August 4, 1853, it was voted to remove the Institution to some town east of the Green Mountains in Vermont, provided the town would raise ten thousand dollars for the needs of the Institution. The citizens of Montpelier at once took action in the matter and raised the necessary amount The citizens of Norwich had taken very little interest in aiding the University, and when it became known that Montpelier was likely to secure the location of the Institution, became aroused A protest was presented by them, to the board of trustees and the state legislature. At a meeting of the trustees, November 3, 1853, the needs of the Institution were thoroughly discussed The citizens of Norwich promised the board substantial aid and after much deliberation it was voted to remain in Norwich The State of Vermont gave the Institution a liberal donation from an unappropriated school fund, and several friends also made liberal subscriptions The University by this timely aid was saved from ruin Several vexatious law suits were settled, the debt on the buildings was paid, and many improvements were made The University continued in a fairly prosperous condition until 1861, when, on the breaking out of the Civil War, the attendance was largely increased, thus giving more funds for the maintenance of the Institution

During this period the University received the support of the Episcopal church, but the cadets who belonged to other denominations were treated with scrupulous impartiality

Within the year 1860, began events which foreshadowed war With the threats of secession from the South, the "N U." cadet began to realize that his training at the University might be of service to the country, that the hours spent in drill and the study of tactics were not spent in vain As time sped on and the clamor of war grew louder, the excitement increased at the University, the discussions on the war could not be kept out of the class room Every class opened and closed its sessions with discussions on this momentous topic, the drills were executed with new vigor and much extra time was spent in the study of tactics and strategy The cadets became members of the Lincoln, Douglass, Breckenridge and Bell Clubs The Dartmouth students across the Connecticut began to realize that the military institution in Norwich stood for [illegible]

might not be for distant when they would be glad to serve under a Norwich man The feud between the two institutions was dropped and the students of Dartmouth and Norwich were soon fraternizing in the various political clubs They marched together in the torch light processions, given in honor of the presidential candidates, and delivered speeches from the same platform in various towns in the vicinity of Norwich and Hanover.

On the breaking out of the hostilities in April, 1861, the excitement knew no bounds at the University The cadets left in large numbers for the front Many were appointed drill masters for the volunteers in Vermont, New Hampshire, Maine, Massachusetts and other states They were also called on to drill and instruct the Dartmouth students In April, 1862, Instructor Samuel W Shattuck, '60, who was a sergeant-major in the Sixth Massachusetts Infantry, was ordered to join his regiment for service at Washington, D C He was escorted to White River Junction by the corps, which at that time numbered fifty-seven, of this number forty-five, within two years, served in the field with rank from lieutenant to colonel A number of men came to the University during 1861 63, for instruction in drill and tactics for periods from two weeks to several months They were not regularly enrolled as cadets and no record, unfortunately, has been preserved of these men The catalogue published in November, 1861 states that sixty men, not cadets, pursued a course in tactics By research, it has been found that several of these men gained distinction in the war

In June, 1862, the famous "College Cavaliers" (q. v) was organized We quote from the University records of August 12, 1862

"In the early part of the Summer term of this year, (1862), Governor Sprague of Rhode Island determined to raise some Cavalry Volunteers, three months men He invited students especially to form one company. Above twenty of our cadets enlisted in this regiment and five others went away from us in sympathy, because their classes were in some measure broken up This very much diminished our numbers, leaving us, however, seventy still present

This account of the formation of the "College Cavaliers" differs somewhat from the complete history which is given in Chapter IX In October, 1864, the corps was called on for service at Newport, Vermont, during the St Albans raid excitement A full account of this service also complete details as

far as known of the service of the alumni and past cadets in the various wars, is given in Chapter IX

On March 14 1866, the Old South Barracks was burned We give the account of the fire from the pen of Mr William R Cutter, '68

"'*The Monitor* (Concord, N H,) has received an account of the complete destruction by fire last evening of the Norwich (Vt) Military University The libraries, paintings and furniture were mostly saved Amount of insurance not ascertained The fire was supposed to have caught from a defective chimney It is feared that this calamity will prove a death blow to an honored institution, which has sent forth many brave men to battle for the nation'

"Such was the notice which conveyed the news of our calamity to the people of the land The expected death blow, however did not come The perseverance inherent in military training held both officers and men together and their position today justifies their patience The fire was supposed to have caught from a defective chimney which was in the fourth story near the rooms occupied by the classes in French A small number only of the rooms on this upper story were occupied by students The third floor contained the larger number of cadets A few students and one or two of the faculty roomed on the second, and a very few roomed on the lower floor or first story, where was located the room called the library, containing the paintings mentioned as among the things saved The ordinary fire department of any of our present cities with its modern steamers, if such had existed in Norwich or its neighborhood, could have saved the property at the outset Our dependence was the ordinary wooden water pail As in all small communities, centered for social life largely among themselves, there were at the time and afterwards in our Institution, men who spread rumors of an incriminating cause for the fire, dishonorable to certain of the members, which I am disposed to consider were without foundation While I admit certain petty jealousies did exist on the part of a few, no one, I believe, was dishonest or base enough to wilfully burn or destroy a building so essential the well being of the majority On the other hand when the fire was discovered, everyone diligently tried to put it out The evening was pleasant and there was melted snow water on the ground in front of the building through which I remember wading, not from choice but from necessity All was quiet in the rooms when the drum suddenly beat the assembly, and the entire corps were lined up quickly in the second passage Tutor Kent was in command His first remark was 'There is a fire in the fourth passage, bring out your pails' The pail brigade began active work, the larger and stronger men being put to the fore, but the flames steadily gained, and very soon the fourth passage was abandoned in an attempt to save the furniture in the three lower stories, and as the notice at the time implies the libraries paintings and furniture were mostly saved The building itself was completely destroyed The walls fell, and the chimneys one by one later Guards of cadets were placed to keep back the crowd of citizens and Dartmouth men from too dangerous approach of the falling pieces We were outnumbered greatly by this crowd and, to the disgrace of certain Dartmouth scamps, were hindered

more than helped by their proximity. Articles which we worked so hard to save, were when opportunity offered, pilfered, and the smaller things pilfered The conduct of the cadets as a corps should be commended for the manner in which they performed their duty on this very trying occasion Confusion there was, of course, but very little conflict or disobedience of orders There was not a single shirk or coward, and the experience of individuals, if it could now be had, would be a record of the hardest effort to save everything that could be saved And this statement is sustained by the fact that the portable articles were mostly saved By ten o'clock P M the fire was practically over and the tired cadets found sleeping places where they could Mine was on the floor of my society lodge room in the North Barracks There were others with me that night who slept on the floor and chairs of that room I was then eighteen years old, and strong for my size I had on my wet clothing, for the want of any other, but happily no ill consequence resulted The lesson of this fire was two-fold the want of an appropriate fire apparatus was evident, secondly, however much outsiders might have helped us in our misfortune, we found that in this emergency we had to depend entirely on ourselves, the light of the fire and the ringing of the Norwich church bell only called together a helpless and unfriendly and unsympathetic mob Whatever one may say, welcome or unwelcome, the truth of history must be told It was demonstrated to us that the surrounding country was filled with our enemies, who took this occasion to show their particular dislike to us It was fortunate at that time that the offer of another place was made, and the Institution removed thither "

The loss of the Old South Barracks was a terrible blow to the University and it soon became apparent that it would be an impossibility to rebuild in Norwich Steps were at once taken to secure a new location On April 16 1866, the trustees held a meeting in White River Junction, which was well attended Several gentlemen from Northfield appeared at this meeting and urged the location of the University in their town Unfortunately, the names of these men have not been preserved, but in all probability Dr. George Nichols, later Vice-President of the University, headed the delegation A committee, consisting of Horace Webster, Dr Julius Y Dewey and Henry Blood, was appointed by the board to consider this proposition The residents of Northfield offered the site for the University and a suitable barracks Northfield at this time was one of the most prosperous towns in the State, being the headquarters of the Central Vermont R R , and the center of an extensive slate industry Then, too, the town was especially well located, being in the geographical center of the state and easy of access to the students of the various sections of the state After some discussion it was voted to locate in Northfield Every graduate of the University and past cadet should feel grateful to the citizens of Northfield for coming to

the rescue of their *Alma Mater* The people of Norwich were indifferent and in many cases hostile to the University, and if it had not been for the enterprise of the people of Northfield, the University, with her honorable record of many years, would have ceased to exist

During 1862–66, the matter of changing the work at the University to conform to the requirements of the U. S Government and State law for Agricultural education, was seriously discussed In the later part of the sixties and especially after the Old South Barracks was burned, the meetings of the board were scenes of much excitement and even hard feelings, over this matter One faction was for surrendering the charter and merging with the State University or for changing to an agricultural college, and the other portion held to continuing the Institution along the lines laid down by Captain Partridge and General Ransom Happily the trustees who stood for the integrity of the University prevailed

In the spring of 1866, the trustees voted to drop the matter of a change either in name or form of academic work The alumni and past cadets of the present time should hold in great respect the trustees who bravely and loyally stood for continuing the University It took moral courage of the highest order for these men to oppose the agricultural school faction. A change meant a great increase of revenues to the Institution, as it has been authoritatively stated that the agricultural college could have been secured by the University trustees

CHAPTER V

Norwich University, 1866–80

The Removal to Northfield—Location of Site—Land Deeded—The Erection of Jackman Hall—Paine Block Used for a Barracks—Cadets from Norwich—Laying of the Corner Stone—Opening of the University on the Hill—Administrations of Presidents Walker, Howard, Douglass, and Curtis—"Uncle Jim" Secured as Armorer—Perley Belknap Litigation—Death of Professor Bourns and General Jackman—Faculty—Attendance—Entrance Requirements—Courses of Study—Text Books—Library—Preparatory Department—Vacations—Military Organization—Service Calls—Uniforms—Expenses—The Commons—Athletics—Fraternities—Clubs—The Reveille—Church Attendance

On August 1, 1866, the trustees of the University voted to remove to Northfield At this meeting the committee of citizens from Northfield, consisting of Dr George Nichols, Dr P. D Bradford, Rev. John B Pitman and Perley Belknap, appeared and placed in writing their proposition for securing the location of the University They agreed to furnish suitable grounds and a commodious barracks

On August 6, 1866, a committee, consisting of Prof Edward Bourns, Capt S. W Shattuck, and Henry Blood, was appointed to dispose of the University property in Norwich, and later in this month the property was sold In August, acting President Shattuck and General Jackman came to Northfield and consulted with the committee as to the selection of a location for the University. Two sites were considered, one at the west end of Vine Street containing about ten acres of land, then owned by J C Cady and at the present time by J. C Rice, and the other site, comprising eleven acres of land, was located at the south end of Central Street and owned by Josiah Lane, Oliver Averill and Joseph Bayer

The first meeting of the board of trustees in Northfield, was held at 3 P. M, October 18, 1866, at the president's rooms in the depot At this meeting a locating committee, consisting of J Y Dewey, William Hebard, Victor Atwood, Edmund Weston,

and Capt. S. W. Shattuck, was appointed to choose the site for the University. After much deliberation the property at the south end of Central Street was decided upon. A building committee, consisting of Perley Belknap, Capt. S. W. Shattuck, and J. H. Orcutt, was appointed at this meeting to purchase and prepare the grounds and to contract for material and labor for the erection of the new building.

On November 1, 1866, Josiah Lane deeded the land now known as the Parade, comprising seven and one-half acres, to the University. On November 7, 1866, Joseph Bayer and Oliver Averill also deeded to the University the land south of the Parade on the hill, comprising respectively one and six-tenths and one and eight-tenths acres. The grounds were surveyed in October 1866, by General Jackman, assisted by W. H. Wentworth, '68.

General Jackman made the plans for the new barracks now known as Jackman Hall. The first building was only a part of the plan as outlined by General Jackman. The original plan was to have a second barracks east of the first building and a recitation hall connecting them. The work of grading the grounds was contributed by the farmers of Northfield and vicinity and was supervised by John P. Davis, later a trustee of the University.

Mr. Perley Belknap, acting for the committee, supervised the construction of the barracks, furnishing the material and labor. Mr. Washington Ford of Northfield had charge of the mason work on the building. The work on the barracks progressed very slowly and at the first of September, 1868, only the two first floors were ready for occupancy.

As previously stated, the committee had agreed to furnish the land and a barracks. The grounds were provided as agreed upon, but only twenty thousand dollars of the twenty-three thousand spent by Mr. Belknap up to September, 1868, had been collected by the committee and turned over to him. Yet, such was the necessity of the University, that the trustees concluded to take the property though not completed and assume the debt of three thousand dollars owed to Mr. Belknap. This was the beginning of the unfortunate litigation with Mr. Belknap which was not settled for several years.

In August, 1866, the Governor Paine block, then located on the east side of Main Street near the town bridge, was secured for a barracks and for recitation purposes. The second floor was used for rooms for the cadets and for recitations, and the hall

on the third floor for a chapel. The building was an historic one. It was built by Governor Paine in 1850, and was for many years the largest building in Northfield. In 1894, the building was purchased by Dr. W. B. Mayo and turned around to face East Street. On May 13, 1899, this historic building was burned.

Fourteen of the cadets in Norwich, met on Norwich Plain, September 12, 1866, and at the opening of the term, September 13, came to Northfield in a body; they were: S. H. Benson, F. M. Gowdy, W. K. Walton, N. W. Ellis, Robert Grosvenor, G. K. Sabine, E. W. Sawyer, Charles R. Wallingford, W. H. Wentworth, Frank M. Whiting, L. O. Chamberlin, E. S. Richards, and Ernest S. Wellman.

Old Paine Block.

At the commencement, on August 1, 1868, occurred the laying of the corner stone with Masonic ceremonies. The regular commencement exercises were held in the forenoon. An 2 o'clock P. M., a procession was formed on the common in the following order: S. G. Paterson, Grand Marshal; Brown's Brigade Band; Tyler, with drawn sword; Stewards, with white rods; Master Mason Corporation; Faculty of the University; Cadets in full uniform;

Grand Lodge escorted by Burlington Commandery of K T, Grand Tyler, Grand Steward; Grand Deacons, Grand Chaplains; Grand Secretary and Treasurer, Grand Senior and Junior Wardens, Deputy Grand Master, Bearer of the Holy Writings, Sword Bearer, followed by a large number of citizens. The procession numbered from four hundred to five hundred persons and was fully one-half mile in length It proceeded to the University grounds, where over three thousand people were assembled to witness the exercises Grand Master L. B Englesby laid the corner stone with due Masonic honor, and delivered an able address

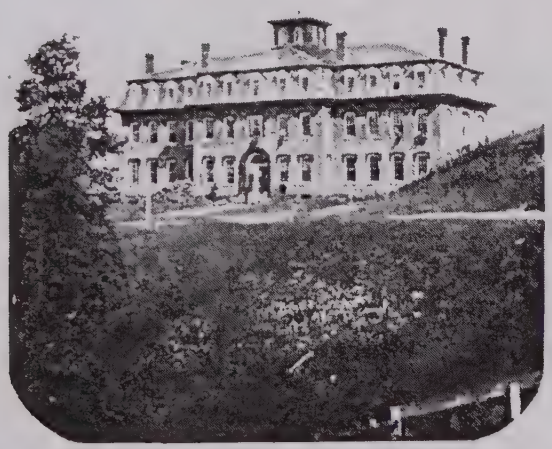
The Masons then proceeded to the Northfield House, where, at 4 P M, DeWitt Clinton Lodge No 15, of Northfield, gave a dinner to the Fraternity Brown's Band, and the invited guests Dr George Nichols presided at the banquet, Rev. John Gregory acted as toastmaster The following toasts were given "Vermont," Gen Stephen Thomas, "Norwich University," Henry Clark, Esq., a trustee of the University, "Our Government," President Thomas W. Walker, "Norwich in Northfield," Gen Alonzo Jackman, "The Musicians," response by Brown's Band, "The true University," Hon S B Colby, "Washington Masonic Fraternity," by Grand Master Englesby, "The Deceased Alumni of N U," George F Houghton, Esq., of St Albans, "Rhode Island" Hon Charles C Vanzandt

In the evening, President Walker and lady received the friends of the University A ball was given by the cadets, music being furnished by Brown's Band

On September 3, 1868, the term opened for the first time on the Hill The topography of the grounds was far different than it is today At that time there was a knoll just east of the barracks where Dodge Hall is now located, and near enough for the venturesome cadet to jump to from the third floor, when desirous of making a midnight visit to the village or surrounding country In fact, the proximity of this knoll is said to have tempted many a cadet to test the vigilance of the adjutant and the officer of the day.

Vice-president Samuel W Shattuck served as acting president of the University until March 4, 1867, when Bvt Maj Thomas W Walker, U S A, was elected president Major Walker was a graduate of West Point, class of 1856, and had served with distinction in the Civil War. He had attained the rank of c

at the battle of Gaines' Mills. He was retired from active service on September 11, 1863. He was allowed to accept the presidency of the University in conformity with the provisions of the act of Congress, approved July 28, 1866, which allowed the detailing of retired officers to twenty colleges in the United States. The University was fortunate in securing this detail. President Walker visited Boston, New York, and other cities in the interest of the University and did much to advance the interests of the Institution. His term of office was brief as he resigned in April,



Jackman Hall in 1870. View from the South.

1868. Prof. Edward Bourns served as acting president, 1868 until August, 1869.

On January 8, 1869, the Rev. Roger Strong Howard, D. D., a graduate of Dartmouth College, class of 1829, and a prominent Episcopal clergyman, then rector of the church in Woodstock, Vt., was elected president. He began the duties of his office at the beginning of the fall term in 1869. On July 13, 1870, the trustees appointed Henry Clark, Dr. George Nichols and Hon. Dudley C. Dennison, a committee to make application to the

state legislature for assistance They failed to obtain aid owing chiefly to the University being under the control of the Episcopal church. President Howard was an excellent instructor, but as he was "not in sympathy with straightlaced military methods," he resigned November 28, 1871

Rev Malcolm Douglass, D D , a graduate of Trinity College, Hartford, Conn. class of 1846, and of the General Theological Seminary, New York, class of 1849, was elected president on November 27, 1871, and soon assumed the duties of his office He was the son of a West Point professor, and had passed his boyhood on the grounds of the National Academy While never taking the military drill, yet he had been a careful observer of the methods of discipline as carried out at West Point He was in full sympathy with military methods and was a good commanding officer He proved an efficient head of the University, and did much to strengthen the courses of study The salary paid the presidents was very small, and finding there was a poor prospect for an advancement, he was forced to resign the presidency, April 12, 1875 It is to be regretted that the University was unable to retain the services of this capable officer During his administration the custom of the cadets going into annual camp was begun by Captain Curtis. An attempt was again made to secure state aid, but without success, owing to the denominational control

In 1870, the grading of the grounds around the Hill was continued and many trees were set out around the parade. On July 8, 1872, an effort was made to secure a memorial hall and Captain Curtis was appointed agent to take the matter in charge In December, 1872, the by-laws for the reorganization of the University trustees were compiled On January 28, 1873, the trustees voted to allow Prof Charles Dole to take full charge of the financial management of the University for a term ending at the commencement of 1875 In the summer of 1875, Mr Belknap pressed the University for the settlement of his claim against the Institution On June 30 1875, Mr Charles Dewey was appointed agent to settle with Mr. Belknap, but with no success On August 12 the same year, Dr P D Bradford was given the matter in charge and on September 1st, settled with him by giving two mortgage notes. During this period Professor Dole hired the members of the faculty and paid all bills, at a financial loss of several thousand dollars

In the fall of 1868, Capt. Charles A. Curtis, U. S. A., of the class of 1861, was appointed professor of Military Science and Tactics at the University. He was then in command of Fort Reynolds, Col., and the order from the War Department detailing him was conditioned that he should not be relieved until the arrival of another officer to take his place. On April 1, he was relieved and on the 8th of the same month reported to Professor Bourns. He was soon appointed executive officer and had full charge of the University until the arrival of President Howard.

One of the commandant's first acts, and one which every cadet from 1869 to 1904 appreciated, was the securing of the services of James Evans as janitor of the University. Captain

Jackman Hall in 1870 View from the East.

Curtis had known him as a recruit in a march across the plains in 1866 and as a member of the company which he commanded from September 3, 1866, to April 1, 1869. When Evans' enlistment expired in May, 1869, he was offered the janitorship, and promptly reported. His services proved invaluable. A confidant of the cadets and faculty, he invariably used his influence for the preservation of good order. He was never a bearer of tales between them, and many a foolish prank was abandoned by "Uncle Jim's" advice.

On June 17, 1869, Captain Curtis was elected agent to secure funds for the University. He raised the money by personal

and unaided exertion for excavating the basement of the principal building, for finishing the upper story, for painting the whole exterior, and putting closets and furniture in each room When a tornado took off all the slate on the roof, May 30, 1870, and otherwise damaged the building, he again raised funds for repairs. The diploma plate now in use and the one for commissions, he procured, also a transit and level He used personal exertion to procure cadets, with fair results

Upon President Douglass' resignation, Captain Curtis was appointed executive officer and acting president, April 12, 1875, and held the position until August 12, the same year, when, having received an offer of a good salary in a California school, he resigned The trustees immediately elected him president and urged his acceptance, but as he had made all arrangements to go to California, he refused to cancel his engagement there. He promised, however, to return at the end of the school year if the trustees desired

Rev Josiah Swett, D D., of the class of 1837, was elected to the presidency August 12, 1875, and held the position until October 19, 1876 Doctor Swett had been a professor in the the University from 1835 to 1841, and served as a trustee and secretary of the board for many years He was a writer of text books and a clergyman of ability A strong friendship had existed between him and General Jackman which began when they were fellow cadets They were afterwards associated as editors, school teachers, and professors President Swett held the office merely in a nominal way, and only occasionally visited the University The actual management was in charge of Prof Charles Dole

In September 1876, Captain Curtis returned to the University and on October 19th, was elected president In 1876, an effort was made on the part of the University of Vermont to have the University become a part of that Institution On October 19, 1876, a committee consisting of Dr George Nichols, Mr. Hiram Atkins, Dr P. D. Bradford, Captain Curtis and F. E Smith, was appointed to meet the committee from the University of Vermont in Northfield, on October 26, 1876 On this date the two committees met as agreed upon, but owing to the absence of some of the members no definite plan was agreed upon. They agreed to meet in Montpelier, on November 16th On this date the committee met, but no business was transacted owing to the

absence of several members. So far as known this was the last attempt to effect a consolidation of the two Institutions.

On July 1, 1880, Captain Curtis resigned, much to the regret of the trustees. He proved an efficient officer, and did much to advance the interests of the University.

Prof. Edward Bourns served as professor of Latin, Greek, Intellectual Philosophy and Logic from September, 1866, until his death, July 14, 1871. In the winter of 1870–71, Professor Bourns began to fail physically and in the early spring of 1871 was forced to give up going to his classes on the Hill. His classes then recited to him, as he lay on his couch, in his sitting room in the village. He was once asked if he did not wish to be relieved of his class work. He replied, "If you take my classes away from

Northfield Village in 1877.

me I shall die." When the last recitation was held at the end of the term he rapidly failed, and died after midnight of commencement day. He was one of the ablest instructors of his time, and his death was a severe blow to the University.

Capt. Samuel W. Shattuck served as adjunct professor of Military Science from December, 1865, until March, 1867, and upon President Walker's resignation had full charge of the Military work until July, 1868. He was also adjunct professor of Mathematics and History during 1866 67. General Jackman continued as professor of Mathematics, Natural Philosophy, and Civil Engineering until his death, which occurred at his home

at two o'clock, P M Feb 24, 1879 Up to that day he had regularly attended his classes That morning he sent word to Captain Curtis that he would be unable to go to his class room Standing at a window, dressed in uniform, he suddenly fell dead, dropped like a soldier at his post. He was one of the ablest mathematicians of his time and a fine instructor His death was a great loss to the University

Prof Henry L. Delescluze continued as professor of the French and Spanish Languages and Literature, and Linear, Architectural and Landscape Drawing until July, 1867 Dr Philander D. Bradford served during this period as professor of Physiology and the Natural Sciences

President Walker served as professor of Military Science and Tactics from March, 1867, until 1868 President Howard was professor of Intellectual Philosophy and Christian Ethics during 1869–71 Capt Charles A Curtis, U S A, served as commandant and professor of Military Science and Tactics from April 8 1869 until August 12, 1875, and from September, 1876, until July, 1880 Charles Dole, of the class of 1869, served during 1868–69 as tutor in English and Mathematics In 1869, he was appointed professor of English Philology, Rhetoric and History and held this position during this period, he was also professor of English Literature during 1878 and 1879, during Captain Curtis' absence in California from August, 1875, until September, 1876 he had full charge of the Military work

In 1870, Bvt Capt. Ephraim Williams, U. S. A., (q. v.) a graduate of Williams College class of 1863, and a former officer in the 5th U S Infantry, who had been retired for wounds received in an Indian engagement, was appointed assistant professor of the Ancient Languages, and upon the death of Professor Bourns succeeded him as professor of these subjects He held the position until 1874 During 1870-72, cadets Charles P Campbell and James W Swett served as tutors in the Ancient Languages

During 1871–72, President Douglass served as professor of Intellectual Philosophy and Christian Ethics In 1871 Lt James E Batchelder, U S A, "N U" '67 and a graduate of West Point class of 1868, was elected professor of French Descriptive Geometry and Drawing, and instructor in Tactics Lieutenant Batchelder had served for some time as a 1st lieutenant in the 4th U S Cavalry, and had been honorably discharged from the service on December 4, 1871 In 1873 he resigned his professorship at the University

In 1873, Wilbur Buzzell, a graduate of the University of Michigan, became instructor of the Ancient Languages, holding the position three years Adrian Scott, a former cadet of the class of 1871, and a graduate of Brown University, was elected professor of the Latin, Greek and Modern Languages He was a very competent instructor but owing to the insufficient salary he resigned after one year Walter Dole, B S , of the class of 1870, served as tutor in Mathematics and English during 1874-75 Cadet William M. Rumbaugh served as tutor in Mathematics during 1874-76, and in the latter year was appointed instructor of Mathematics and Drawing In 1878, he was made professor of Drawing and served in this capacity through this period. He also served as assistant instructor of Military Science and Tactics and commandant 1876–80

In 1876 Charles L Gestrin, Ph D , a graduate of the University of Upsala Sweden was appointed professor of the Latin, French and German Languages He was a profound scholar and a logical and entertaining instructor He resigned his position in June, 1880 Rev Franklin W Bartlett, A M , rector of St Mary's Episcopal Church of Northfield, served as professor of Moral and Intellectual Philosophy during 1878-79, and of the Latin and Greek Languages 1879–82 Cadet John B Johnson, during his junior and senior years, was often called upon by General Jackman to instruct his classes in Mathematics in his absence Upon General Jackman's death, Cadet Johnson was appointed instructor of Mathematics and had charge of a portion of the Mathematical subjects until the commencement of 1879 He then served as instructor of Mathematics until 1880, when he was elected professor

The attendance for 1866-67 was senior class, 4, junior class, 7, sophomore class, none, freshman class, 8; a total of nineteen The attendance by years for the period was as follows 1867, graduates 5, 1868, graduates 6, 1869 graduates 3, non-graduates 6, 1870, graduates 5, non-graduates 2, 1871, graduates 1, non-graduates 3, 1872, graduates 7, non-graduates 2, 1873, graduates 12, non-graduates 19, 1874 graduates 3, non-graduates 8, 1875, no graduating class, non-graduates 5, 1876, graduates 7, non-graduates 10; 1877, graduates 3 non-graduates 14, 1878, graduates 1, non-graduates 18, 1879 graduates 3, non-graduates 7, 1880 graduates 3, non-graduates 6 making a total for this period, graduates 59 and non-graduates 102

During 1866–73 candidates for admission to the freshman class of the Classical course were required to be at least fourteen years of age and to pass satisfactory examinations in Latin and Greek grammar, Virgil, six books, Caesar or Sallust, Homer's Iliad, two books, Xenephon's Anabasis, Algebra to Quadratics, Arnold's Latin Prose Composition, Arithmetic

During 1874–80, the age requirement was fifteen years The following additional subjects were added Cicero's Orations, Pennell's Ancient Greece, Geometry, four books, English Grammar, Physical and Political Geography, History of the United States.

During 1866–75, the age requirements for the Scientific course were the same as in the Classical course The candidates were examined in English Grammar, Geography; Arithmetic, Algebra to Quadratics, four books of Geometry. The age requirement for the Academic or Business course was fourteen years, and a satisfactory examination in the common school studies

Classical Course, 1866-67.

First Year Fall term, Horace's Odes and Epodes, Xenophon's Memorabilia, Geometry, Roman History Infantry Tactics, Winter term, Horace's Odes and Epodes, Livy begun, Homer, Geometry, Descriptive Geometry begun, Grecian History, English History begun, Infantry Tactics, Spring term, Livy Herodotus, Descriptive Geometry, Infantry Tactics Latin and Greek Prose Composition through the year

Second Year Fall term, Livy, Juvenal and Perseus, Herodotus, Euripides' Alcestis and Medœa, Algebra, Chemistry; Winter term, Tacitus and Plautus' Captivi, Aeschylus or Sophocles, Algebra, Trignometry begun, Mineralogy, Spring term, Tactitus', Aeschylus or Sophocles and Demosthenes' De Corona or Aeschines, Trigonometry, Geology Roman and Grecian Antiquities through the year

Third Year Fall term, Terence, Demosthenes' De Corona or Aeschines, Surveying, Shades and Shadows, Analytical Geometry begun, Democracy in America, History of Civilization begun, Kautz's Company Clerk, Guard and Outpost Duty, Drawing, Winter term, Cicero's Tusculan Questions, Thucydides, Analytical Geometry, Differential Calculus begun, Political Economy, Guard and Outpost Duty, Field Fortifications, Drawing, Spring

term, Cicero's Tusculan Questions, Calculus Completed, Constitution of the United States, Artillery Tactics, Drawing

Fourth Year Fall term, Mechanics, Law of Nations, Psychology, Logic, Manual for Engineer Troops, Winter term, Acoustics and Optics, Astronomy begun, Civil Engineering begun, Intellectual Philosophy, Rhetoric, Art of War, Drawing, Spring term Astronomy completed, Civil Engineering completed, Moral Philosophy, Intellectual Philosophy, Army Regulations

Recitations every Monday morning in Paley's Natural Theology, Butler's Analogy, or other books of a religious or moral character. Themes and Declamations weekly through all the courses. French and Spanish Languages elective.

Scientific Course, 1866-67

First Year. Fall term, Algebra, Geometry, Roman History, English Philology, Infantry Tactics, Drawing, Winter term, Algebra, Geometry Trigonometry and Descriptive Geometry begun, Grecian History, English History begun, Infantry Tactics, Drawing, Spring term, Trigonometry, Descriptive Geometry English History, Infantry Tactics French, Drawing.

Second Year Fall term, Surveying, Shades and Shadows, Chemistry, Democracy, in America, History of Civilization begun, Kautz's Company Clerk, Guard and Outpost Duty, French, Drawing, Winter term, Analytical Geometry, Differential Calculus begun, Mineralogy, Political Economy, Guard and Outpost Duty, Field Fortification French, Drawing, Spring term, Differential and Integral Calculus, Geology, Constitution of the United States, Artillery Tactics, French, Drawing

Third Year Fall term, same as studies of the senior class in Classical department, with the addition of French the first two terms

Fourth Year Fall term, Higher Algebra, Descriptive Geometry, Chemistry, Drawing, Winter term, Calculus, Natural Philosophy, Civil Engineering, Drawing, Spring term, Civil Engineering, Astronomy, Field Practice

Classical Course, 1870-71.

First Year First semester, Horace's Odes and Epodes, Xenophon's Memorabilia, Geometry Roman History, Infantry Drill Second semester Horace's Odes and Epodes Livy Homer,

Herodotus, Geometry, Descriptive Geometry, Grecian History, English History, Infantry Drill Themes and Declamations every Saturday evening, Arnold's Latin and Greek Prose Compositions through the year

SECOND YEAR First semester, Livy, Juvenal and Perseus, Herodotus, Euripides, Alcestis and Medoea, Algebra, Chemistry, Infantry Drill, Lectures on Military Subjects, Second semester, Plautus' Captivi, Tacitus, Aeschylus or Sophocles, Demosthenes, De Corona or Aeschines, Algebra, Trigonometry, Mineralogy, Geology, Infantry Drill, Lectures. Themes and Declamations, every Saturday evening, Roman and Grecian Antiquities through the year

THIRD YEAR First semester, Terence, Demosthenes, De Corona or Aeschines, Surveying, Shades and Shadows, Analytical Geometry begun, Democracy in America History of Civilization begun, Guard and Outpost Duty, Castrametation, Lectures, Second semester, Cicero's Tusculan Questions, Thucydides, Analytical Geometry Differential and Integral Calculus, History of Civilization, Political Economy, Constitution of the United States Field Fortifications, Artillery Drill, Themes and Declamations every Saturday evening

FOURTH YEAR First semester Mechanics, International Law, Psychology, Logic, Artillery Drill, Signals, French or German; Second semester, Acoustics and Optics, Astronomy, Civil Engineering, Intellectual Philosophy, Moral Philosophy, Rhetoric, French or German, Duane's Manual for Engineer Troops, Art of War Recitations every Monday morning in Paley's Natural Theology, Butler's analogy or other books of a religious or moral character Spanish Language elective

SCIENTIFIC COURSE, 1870-71

FIRST YEAR First semester, Higher Arithmetic begun, Analysis of the English Language, Physical Geography, Infantry Drill, Second semester, Arithmetic finished, Algebra, Geometry begun, Rhetoric, Latin Grammar and Reader, United States History, Infantry Drill

SECOND YEAR First semester, Algebra, Geometry, Sallust or Caesar, Grecian History, Infantry Drill, Lectures on Military Subjects, Second semester, Algebra, Geometry, Trigonometry and Descriptive Geometry, English and Roman History, Virgil, Infantry Drill Lectures Linear and Perspective Drawing

THIRD YEAR First semester, Surveying, Shades and Shadows, Chemistry, Democracy of America, History of Civilization, Cicero, Guard and Outpost Duty, Castrametation, Lectures, Architectural Drawing, Second semester, Analytical Geometry, Differential and Integral Calculus, Mineralogy, Geology, Political Economy, Constitution of the United States, French or German, Field Fortification, Artillery Drill, Topographical Drawing

FOURTH YEAR Same as studies of the senior class in Classical department, with the addition of French or German

Themes and Declamations every Saturday evening through the course

CLASSICAL COURSE, 1874-76

FIRST YEAR Fall term, Geometry, Livy, Greek Historians, Winter term, Geometry, Livy, Greek Historians, Spring term, Algebra, Cicero's, De Senectute, Homer's Odyssey. Free Hand Drawing through the year. Military Instruction—Infantry Drill Sword and Bayonet exercises

SECOND YEAR Fall term, Algebra Horace's Satires Aeschines, Winter term, Descriptive Geometry, Horace's Odes Demosthenes, Spring term, Trigonometry and Surveying, Tacitus, Germania, Plato's Apology, Drawing, Geometrical construction of two dimensions, Projections, Shades and Shadows, Construction of Three Dimensions, Military Instruction—Infantry Drill, Sword and Bayonet Exercises, Lectures on the customs of the Service.

THIRD YEAR Fall term, Logic, English Literature, Chemistry, Elective (Analytical Geometry). Winter term, Rhetoric Political Economy, Physics, Calculus, Spring term, Botany, and Zoology, Moral Philosophy, Evidences, Physics (Mechanics) Drawing—Linear Perspective, Mechanical, Topographical Military Instruction—Infantry and Artillery Drill Guard and Outpost Duty, Lectures on Military subjects

FOURTH YEAR Fall term Butler's Analogy, Mediaeval History, German, Elective (Acoustics and Optics), Winter term, Mental Philosophy, Modern History, German, Astronomy, Spring term, Constitutional and International Law, Geology and Mineralogy, German Drawing—Architectural Military Instruction—Artillery, Drill Signals, Fencing, Art of War, Manual for Engineer Troops.

SCIENTIFIC COURSE, 1874-76

FIRST YEAR. Fall term, Geometry, German, Anglo-Saxon or Latin, Winter term, Geometry, German, Semi-Saxon or Latin,

Spring term, Algebra, German, Early English or Latin, Free hand drawing through the year Military Instruction—Infantry Drill, Sword and Bayonet Exercises.

SECOND YEAR Fall term, Algebra, English Literature, German or Latin, Winter term, Descriptive Geometry, Physics, German or Latin; Spring term, Trigonometry, and Surveying, Physics, German or Latin Drawing—Geometrical, Construction of two and three dimensions, Projections, Shades and Shadows Military Instruction—Infantry Drill, Sword and Bayonet Exercises, Lectures on the Customs of the Service.

THIRD YEAR. Fall term, Analytical Geometry, Chemistry, Logic, Winter term, Calculus, Political Economy, Rhetoric, Mechanical Drawing, Spring term, Mechanics, Zoology and Botany Ethics and Evidences of Christianity, Drawing, Topographical Drawing—Linear Perspective Military Instruction—Infantry and Artillery Drill, Guard and Outpost Duty, Lectures on Military Subjects.

FOURTH YEAR Fall term, Acoustics and Optics, Butler's Analogy, Mediaeval History, Winter term, Astronomy, Mental Philosophy, Modern History, Spring term, Geology and Mineralogy Constitutional and International Law Architectural Drawing through the year Military Instruction—Artillery Drill, Signals, Fencing, Art of War, Manual for Engineer Troops

COURSE IN PHILOSOPHY, 1874–76.

FIRST YEAR Fall term Geometry, Algebra, Greek or Latin, Winter term, Geometry, Descriptive Geometry, Greek or Latin, Spring term, Zoology and Botany, Trigonometry and Surveying, Greek or Latin

SECOND YEAR. Fall term, Chemistry, Logic, Greek or Latin, Winter term, Physics, Rhetoric, Greek or Latin, Spring term, Physics, Moral Philosophy, Greek or Latin

THIRD YEAR Fall term, English Literature, Mediaeval History, German, Winter term, Political Economy, Modern History, German, Spring term, Constitutional and International Law, Geology and Mineralogy, German

Military Instruction the same as in the Scientific Course Students in the foregoing courses were required to present compositions and essays, and to publicly deliver declamations and original orations throughout the Course

Academy and Business Course

First Year Latin Grammar and Reader, (Elective), English Grammar and Rhetoric, Arithmetic History of the United States, Composition and Elocution.

Second Year Latin, Cæsar, Cicero (Elective), Algebra, Geometry, English Analysis Physical Geography, Exercises in Composition and Elocution

Third Year Latin, Virgil Prose Composition or French (Elective), Natural Philosophy, Elementary Chemistry, History Review of Mathematics, Drawing—Free hand and Geometrical, Exercises in Composition and Elocution

Scientific Course 1878–80

First Year Algebra, Algebraic Problems, Geometry, Trigonometry, Plane, Analytical and Spherical, French Grammar, Latin Prose Composition Livy, Horace, History, Compositionn and Elocution, Free Hand and Geometrical Drawing, Exercises in Crayon Drawing, Military Instruction—Infantry Drill, Sword and Bayonet Exercise.

Second Year Surveying, Theory and Practice with Chain and Compass, Descriptive Geometry, Shades and Shadows, Linear Perspective, Isometric Perspective, Analytical Geometry, Conic Sections, Composition and Elocution, French Grammar and Composition, Physics, Chemistry and Analytical Chemistry, History, Line Shading, Orthographic Projections, Projection of Shadows and Perspective Military Instruction—Infantry Drill, Sword and Bayonet Exercise, Lectures on Customs of the Service.

Third Year Differential and Integral Calculus, Natural Philosophy, Mechanics, Acoustics and Optics, Logic, Rhetoric, Political Economy, History,*Zoology, *Botany, German Grammar, Translation from English into German, William Tell, Composition and Elocution, Shading and Tinting, Machine Drawing, including Bridge Drawings, Topography, Field Practice and Drawing Military Instruction—Infantry and Artillery Drill, Guard and Outpost Duty, Lectures on Military Subjects.

Fourth Year. Astronomy, Physical and Spherical and its Nautical Application in establishing latitude and longitude, Civil Engineering, Theory of Roads, Bridges, Tunnels, Canals, Strength of Material, Leveling and Railroad Curves, Practical

*(Elective)

Operations, Use of Level and Theodolite, Leveling for Section and Working Drawings; Geology, Mineralogy, Mental Philosophy, Studies in English Language and Literature, Constitutional and International Law, German Grammar, Goethe's Herman and Dorothea, Schiller's Marie Stuart, Conversational Exercises, Architectural Drawing, Military Instruction—Artillery Drills, Signals, Military Telegraph, Cyphers, Fencing, Art of War, Manual for Engineer Troops

Text Books Used, 1866–1880.

English

Standard English Grammar, Haven's, Quackenbos'es and Whatley's Rhetoric

Latin

Arnold's Latin Prose Composition, Allen and Greenough's, and Harkness' Latin Grammar, Allen and Greenough's and Harkness' editions of the Latin Authors

Greek

Arnold's Greek Prose Composition, Leighton's Greek Lessons, Pennell's Ancient Greece, Goodwin's Greek Grammar, Harkness' editions of the Greek Authors, Owen's Thucydides

French, German and Spanish

Standard text books of these languages were used.

History

Liddell's History of Rome, Smith's History of Greece, Hume's History of England, standard texts of the history of the United States, Guizot's History of Civilization

Mathematics

Davie's Algebra, Geometry, Trigonometry, Surveying; Descriptive Geometry and Analytical Geometry, Church's Descriptive Geometry, Bemis' Orthographic Projections, Robinson's Algebraic Problems, Church's Integral and Differen-

tial Calculus, Buckingham's Calculus, Davie's Conic Sections, Peck's and Church's Mechanics; Robinson's and Bartlett's Astronomy, Simm's and Mahan's Civil Engineering.

Natural Philosophy and Sciences.

Guyot's Physical Geography, Bartlett's Natural Philosophy, Silliman's and Youman's Chemistry, Dana's, Lyell's and Hitchcock's Geology, Dana's Mineralogy.

Logic, Moral Philosophy and Metaphysics

Whately's Logic; Cousin's Psychology, Wayland's Mental Philosophy, Hickok's Moral Philosophy; Kames' Elements, Mahan's Intellectual Philosophy, Paley's Natural Theology; Butler's Analogy.

Political Economy

Perry's, Say's, and Mills' Political Economy, De Tocqueville's Democracy in America, Vattel's and Wheaton's Law of Nations, Townsend's Constitutional Law, Woolsey's International Law.

Military Science.

Jomini's Art of War, Mahan's Field Fortifications, Mahan's and Duane's Manual for Engineer Troops Kautz's Company Clerk, The Regulations of the U S Army, and the standard texts of the various branches of the service

The catalogue of 1878–79 gives the following conditions for the granting of degrees:

"The Degree of Bachelor of Science is conferred upon students who complete the course, and pass satisfactory examinations in the same

"The Degree of Master of Science will be conferred upon graduates of three years standing who shall have engaged during that time in professional, literary or scientific pursuits

The Degree of Civil Engineer will be conferred upon Graduates of three years standing, who shall have pursued the profession of an Engineer during that time"

The library was located in the large room on the first floor of Jackman Hall, on the south side of the building and east of the north and south halls It numbered about three thousand vol-

umes Mr Henry Clark was appointed on June 17, 1869, to obtain books for the library, and on the same date General Jackman and Captain Curtis were appointed as the committee to have general charge of the library Professor Shattuck served as librarian from 1866 until 1868, and Dr. Bradford from 1868 until 1874. From this last date until 1880, cadets were appointed librarians and performed the duty under charge of the President The cadet assistant librarians as far as known were Myron R Hurlbut, 1866–67, Charles G Griffith, 1870–71, Stephen H. Campbell, 1871–72, William R Dorr, 1871–73.

A Preparatory department was organized in 1872 under supervision of Professor Dole The following quotation from the circular issued in March, 1873, gives the general plan of the department

"This department is now prepared to receive scholars It has been recently organized to meet the needs of that class of students who are not quite prepared to enter the higher departments, or whose parents desire for them an accurate training in the fundamentals of a good education for practical business As its scholars belong to the corps of cadets they will be subject to the general regulations, oversight and administration of the corps And as they will pursue a separate department of study they will be controlled also by the special regulations of that department They will be received at not less than thirteen years of age They will room in a distinct portion of the building under charge of an instructor Their expenses may be controlled by the Principal who will, if desired, receive and account for money intended for their benefit The instruction and discipline of this department can be relied on as thorough, kind and firm"

This department was discontinued in 1880

In 1866 and 1867 the summer vacation lasted four weeks and from 1868 until 1880, nine weeks

From 1866 until 1870, and from 1874 until 1880, the academic year was divided into three terms, known as the Fall, Winter and Spring terms There were vacations of two weeks at the end of the fall term, and one week at Easter. From 1870 until 1874, the academic year was divided into two terms, known as the Christmas and the Easter, or the short and the long terms, averaging sixteen and twenty-three weeks, respectively.

During 1871–78, gold and silver medals were given, respectively, to the senior and the junior having the highest general average in academic and military work

The organization of the corps of cadets remained in this period the same as in Norwich, until Captain Curtis became the

professor of Military Science, in April, 1869. He made many changes; revised and published, in 1869, the Rules and Regulations compiled by President Walker in 1867. He appointed officers and non-commissioned officers for merit, and procured the passage of the act of the legislature, Nov. 18, 1870, making the corps a part of the National Guard of the State and organized as one company of infantry and a battery of artillery. By this act the professor of Military Science was the ex-officio commander of the corps with the rank of captain. The other officers were commissioned by the governor of the state upon the recommendation of the professor of Military Science, and consisted of one cadet captain with rank of 1st lieutenant, and a cadet 1st lieutenant with rank of 2d lieutenant to each company or section.

Cadet Camp at Berlin Pond.

Under Captain Partridge's system, the cadets served in rotation as officers and non-commissioned officers, thereby doing away with a fixed rank and keeping the corps democratic. Captain Curtis changed the work to correspond to the United States Army. He was the first to keep legible and accurate records of the corps, and became one of the bondsmen under whom the United States arms and equipment were procured for the use of the University.

The adjutant was appointed for each term and was in command of the corps at all formations; also was required to make inspections of the quarters. This office was especially sought after, as at the completion of his term of service, the adjutant

was given special privileges to the end of the academic year, and was responsible only to the commandant The officer of the day was appointed from the senior and junior classes and served for one day His duties were the same as at the present time A passage officer for each passage was appointed each term, from the upper classmen, who was responsible for the order in his passage, and was required to report all violation of the rules and regulations to the officer of the day or adjutant A post office orderly was chosen from the freshman class each day to collect all mail matter and take it to the post office, and to distribute all letters received The General Rules and Regulations were practically the same as in force at the present time The following service calls, quoted from the regulations of 1869 were practically unchanged during the period

Daily Routine of Duty

"Reveille at 6 A M, from September 21st, until March 21st, and at 5 30 A M from March 21st until September 21st roll call at twenty minutes after reveille when the officer of the day will inspect the rooms see that they are cleaned and in good order and the beds are neatly made up, study hours until breakfast, fifteen minutes before 7 A M, morning exercises, 7 30 A M study hours and recitations until dinner at 12 M, roll call, 1 15, parade and roll call at sunset study hours begin fifteen minutes after retreat continue until tattoo roll call, 9 30 P M, from March 21st until September 21st and at 9 P M, from September 21st to March 21st, taps thirty minutes after tattoo, when the officer of the day will inspect to see that all are in quarters lights extinguished and fires properly secured, no lights will be allowed after taps, except by special permission all must be in quarters between taps and reveille On Sunday—morning inspection at 10 A M, noon roll call at 12 45 P M evening roll call at 6 45 P M, Saturday—no drill, and no study hours between 8 A M, and retreat, Friday evening allowed for Society meetings"

Uniform, 1869–74

"Dress coat Blue cloth coatee, single breasted three rows of eight gilt University buttons in front, stand-up collar trimmed with gilt cord, to rise no higher than to permit the chin to turn freely over it to hook in front, buttons on the hip to range with the lower buttons on the breast, three buttons, placed lengthwise on the skirts down the plaits terminating with an additional button at the end of skirts, cuffs with five buttons on the bottom of sleeve

"Fatigue jacket for summer wear A brown linen jacket is allowed, single breasted, with stand and fall collar one small size University button on each side of collar, and nine similar buttons down the breast, an undress coat is allowed or a sack coat, with the University buttons for out-of-door wear, pa[illegible]

"Overcoat: Blue kersey, double breasted to reach two inches below the knee, stand and fall collar, rising to the tip of the ear, and hooked in front, University buttons, six down the front of each side, two at the hip, and one at the bottom of each plait behind, cape of same material as the coat, sixteen and one-half inches in length to button in front, body, cape and skirts lined with sky blue woolen, sleeves with twilled muslin

"Pantaloons for winter Blue cloth with black velvet stripe one inch wide down the outer seam, for summer white drilling, dress cap U S shako with usual gilt ornaments, black pompon, forage cap, U S Army pattern

"Badges of distinction Cadets acting as officers and non-commissioned officers shall be designated by the following badges captains, chevrons of four bars of single lace on each arm above the elbow, points up lieutenants, chevrons of three bars of single lace on each arm above the elbow, points up, adjutant, the lieutenants' chevrons with an arc, sergeant-major, the sergeant's chevron with an arc, first sergeants, chevrons of two bars of single lace on each arm above the elbow, points up, with a lozenge, sergeant, chevrons of two bars of single lace on each arm above the elbow, points up, corporals, chevrons of two bars of single lace on each arm above the elbow, points up, cadets appointed acting assistant professors, will wear upon their coats three rows of fourteen buttons in front, boots or high shoes of black unglazed leather"

Uniform, 1874–80

"Coat A double breasted frock coat of dark blue cloth, the skirt to extend one-half the distance from the hip joint to the bend of the knee There shall be two rows of University buttons on the breast, eight in a row, the distance between each row five and one-half inches at top and three and one-half inches at bottom, stand-up collar, not less than one nor more than two inches in height, to hook in front at the bottom and slope thence up and backward at an angle of thirty degrees on each side, corners rounded, cuffs three inches deep, to go round the sleeves parallel with the lower edge, and with three small buttons at the under seam, pockets in the folds of the skirts, with two buttons at the height of the hip and one at the lower end of each side edge, making four buttons on the back and side of the coat, lining of the coat, black A sack coat of blue cloth or flannel cut in the army style, with University buttons, is allowed and recommended for ordinary wear as economical and likely to save the wear of the more expensive drill coat

"Trousers Dark blue cloth with light blue welt, half an inch in width, cravat, black, the tie not to be visible at the opening of the collar, caps for officers—for full dress, marine shako, with plume of white cocks' feathers with red crest, gilt ornaments, for all other cadets, same shako and gilt ornaments with red and white pompon, forage cap, pattern U S Army

"Boots and shoes No particular pattern required, but they must be made of black leather capable of taking ordinary polish blacking, and be sufficiently high to conceal the stockings

"Badges of distinction For officers, Russian shoulder-knot, for a captain, two silver embroidered bars on each knot: for a 1st lieutenant one bar; for a 2d lieutenant, none

"For non-commissioned officers: The rank of non-commissioned officers will be marked by chevrons of light blue cloth, divided into bars half an inch wide, piped with red, and worn upon both sleeves of the uniform coat above the elbow, points down.

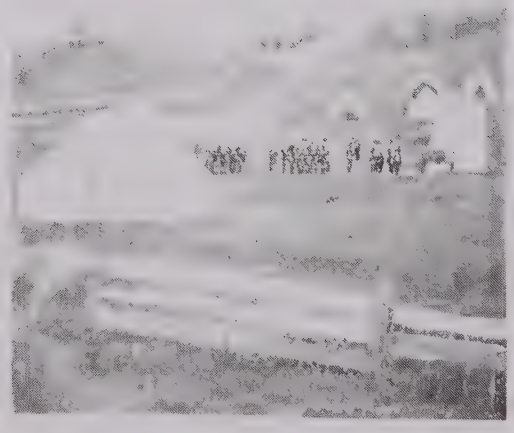
"For a 1st sergeant, three bars and a lozenge; for a sergeant, three bars; for a corporal, two bars; for a principal musician, three or two bars, (according as he ranks as a sergeant or corporal,) with a bugle.

"No other dress than that which is prescribed shall be worn by a cadet, or kept in his quarters without permission. On leave of absence he may wear such clothing as he may prefer.

"No buttons, ornaments, badges or other military device except those adopted by the University authorities shall be worn by any cadet at the University.

"The hair will be trimmed in the style commonly called cropped. Whiskers or beards are prohibited.

"The uniform of the Faculty will be that of the staff of the U. S. Army with the Vermont button, except where the professor may be a commissioned officer of the U. S. Army or the State Militia, in which case he may wear the uniform of his arm and grade. The President, when a clergyman, may wear a clerical suit or uniform, as he may please. With the clerical suit he will wear a black felt hat, with black silk and gold cord, with acorn ends."



Cadet Camp in 1878.

In 1869, the United States Ordnance Department loaned to the University the following equipment: 150 breach loading rifles; 150 [illegible] equipments; 50 light artillery sabres; six sets of signal equipments; one section of artillery equipment. The old brass Napoleons which were loaned the University in 1853 were brought to Norwich and were used until 1906. Much attention was given to [illegible] drills, and to fencing.

In 1870, Captain Curtis began the custom of having the cadets [illegible] which was held in

September, but later they were held in June, usually on the campus. In June, 1870, the corps under command of Captain Curtis took a practice march to Berlin Pond where they encamped for several days. On October 26, 1870, the corps of cadets under command of Captain Curtis visited Montpelier and gave exhibition drills before the state legislature. They were received by the Governor and his staff. After the review the Governor gave the cadets an address of welcome. Hon. Charles H. Joyce, a native of Northfield and speaker of the house, then delivered an eloquent address in which he paid a glowing tribute to the work of Norwich men during the Civil War.

During 1866-67, tuition was $60 per year, room rent $15, lights and fuel 75 cents a week, board $3.25 to $4 a week, washing 50 cents a week. From 1870 to 1874, the charges were $350 a year, which included all the University expenses aside from the uniforms, clothing, etc. From 1874 to 1880 the charges were $300. In 1880 when it was voted to allow cadets to board where they desired in town, the charges for tuition and room rent were $25 a term; use of library 50 cents a term; board ranged from $2.50 to $5 a week.

Cadet Camp, 1879.

During 1870-74, musicians were allowed $125 a year for their services and from 1874-1880, $75 a year. On January 22, 1874, the trustees voted to establish fourteen scholarships, one for each county in the state, covering the tuition and room rent; examinations were held June 22 and 29. This was the first aid given by the University to the cadets of the state.

Until the construction of Dodge Hall, Jackman Hall was used for recitation purposes as well as for a barracks The large room on the first floor on the right of the north and south hall, at the front of the buildings, was used by General Jackman and later by Professor Johnson The room opposite, on the south side of the building, was at first used as a drawing room The large room on the first floor east of the north and on the south side of the building, was used for a library until Dodge Hall was erected The large room opposite on the north side of the hall, was used for some years as the commandant's office The three large rooms on the north side of the hall, on the second floor, now used for students rooms and a guard room, were originally one room, and it was used for the chapel until the erection of Dodge Hall The large room on the second floor, on the south side of the building and west of the north and south hall, was used by Professor Dole for his classes during this period The other large room on the second floor, toward Dodge Hall was used by the cadets The two large rooms on the third floor at the front of the building were used for recitations and for drafting

From 1866 until 1870, the cadets were allowed to board in town where they saw fit In 1870, a boarding hall for the cadets was opened by Professor Dole at his home at the Center Village, near the University, which was conducted by him during this period

Athletics were not neglected from 1866 to 1880 Baseball teams were conducted during 1866-69, but no data has been preserved as to the membership The baseball team of 1870 was organized with the following officers S D Conant president, E T Smith, vice-president, C G Griffith, secretary, F Z Kimball treasurer, G L Huntoon E T Smith and W. A Davis, directors G L Huntoon captain The *Reveille* of 1874 gives a full account of the games that year and states that eight games were played with only one defeat In this *Reveille* is also mentioned the fact that the teams of 1871 and 1872 held the state championship The members of the team of 1874 were E J Ross, captain R A. Silver, pitcher, H A Clifford catcher, H. C Dole, center field, George D. Thomas shortstop, C W Wheeler, second base, H L. Sherman, left field, J H Woodward, third base, and E S Marsh right field During this period games were played in the fall as well as in the spring.

The ΘΧ and the ΔΣΠ fraternities flourished in this period. Their loc

had rooms on the third floor of Jackman Hall The *Reveille* of 1874 gives the organization of the Polygon Society, from the symbol of the club one would be led to believe it was a mathematical society No data has been preserved as to the length of its existence or its scope of work.

The publishing of the *Reveille* was begun by Captain Curtis in 1869, and continued at irregular intervals until 1878

Considerable attention was paid to debating and prize speaking in this period, rhetorical work was required each week For a few years the exercises were given Saturday morning, and later, Friday afternoon Dramatic clubs were organized at various times. In 1874, "Neighbor Jackwood," and the "Loyal Mountaineers," were played in Concert Hall for the benefit of the Northfield Cornet Band Musical clubs were conducted at irregular intervals during this period. The Glee club of 1870 was composed of the following members W A. D Davis, G L Huntoon, W P. Clement, A B Gilbert, C. S Jewett, W L Stedman, S D Conant, and Walter Dole

It will be of great interest to the men of recent years to know that the cadets of the earlier period were guilty of the heinous crime of burning the grass on the Parade The *Reveille* of 1874-75 gives a long editorial on the annual appearance of the "fire bug"

The cadets attended chapel each morning and were required to attend the Episcopal church on Sunday, unless excused by the president on the written request of parents or guardian for the attendance at one of the other churches in town

During this period the University became practically an Episcopal Institution On December 5, 1866, at a meeting of the Diocese of Vermont, held in Vergennes, the following resolution was passed:

"*Resolved*, that we are gratified to learn since the removal of Norwich University to its present desirable location at Northfield, that it is the purpose of the Trustees to make it more decidedly a Church Institution than ever and as such, we cordially commend it to the patronage and support of Churchmen generally"

In this catalogue a list of six prominent Episcopal clergymen was given as references The catalogue further states

"Though endorsed as above as an Episcopal College, students of all denominations are treated with the strictest impartiality in every respect"

The commencement of 1867 was held during July 28—August 1. Professor Bourns delivered the Baccalaureate sermon

Sunday morning, at St Mary's Episcopal church. On Wednesday, at 3 30 P M, the junior class gave an exhibition, at 6 30 P. M, the annual meeting of the Associate Alumni and Past Cadets was held At 8 P M the Boston Brigade Band gave a concert which was followed by a torch light drill. At 9 A. M., August 1, the commencement exercises were held in the Methodist church. The orations were given as follows. "The Soldier His True Mission and Reward," Seth H Benson; "Popular Cultivation of Music," Wesley K Walton; "The Land is Sacred we Love," Myron R. Hurlbut, "War not Opposed to Godliness," with Valedictory, Francis M Gowdy. Hon Charles C Vanzandt of Newport, R I, read an original poem, Hon S B Colby, register of the U. S Treasury, Washington, D C, delivered the commencement oration Col C B Stoughton, '61, acted as the University marshall. At 2 o'clock P M, the ceremony of laying the corner stone of Jackman Hall was held There were no public exercises given at the commencements of 1868 and 1869

The commencement of 1870 was held during July 10—14. President Howard delivered the Baccalaureate sermon at the Episcopal church, Sunday evening, July 10th A meeting of the Alumni Association was held on Wednesday at 4 P M; Gen. W. W. H Davis, '42, delivered an oration and at 4 30 P M, came the annual meeting of the Associate Alumni and Past Cadets At 8 P. M, a concert was given by the Franklin (N H) Brigade Band. The graduating exercises were held at 10 A M, July 14. Captain H E Alvord '63, acted as the University marshall The following orations were given. "Make your Mark," Alfred B Gilbert, "The West a Field for Enterprise," George M Willard; "Character of Abraham Lincoln," Charles G Tarbell, "National Honor," Walter Dole Hon. James Barrett of Woodstock delivered the commencement oration and G Nelson Brigham, M. D, of Montpelier, read an original poem before the societies. At 3 P M, exhibition drills were given on the parade

The commencement of 1871 was held during July 12 and 13. On Wednesday at 8 P M, a concert was given by the Northfield cornet band At 10 A M, on Thursday, July 13, the graduating exercises were held at St Mary's Episcopal church The following program was given "The Future of Our Republic," Samuel D. Conant, "Our Ex-Soldiers Where are They?" William L. Stedman, [illegible]

Swett; "Modern Warfare," Francis Z. Kimball; "Pleasures of Imagination," Charles G. Griffith; "Our Late War," Waldo P. Clement; "Napoleon and Washington," Stephen H. Campbell; "Courage," William G. Owen. Rev. Malcolm Douglass delivered the oration before the trustees and Rev. William J. Harris of Rutland read an original poem before the societies. At 3 P. M.,

Methodist Church where many commencements exercises have been held.

Gen. William Wells, adjutant-general of Vermont, reviewed and inspected the corps of cadets.

From July 7 to 12 was held the commencement of 1872. President Douglass delivered the Baccalaureate sermon Sunday evening. On Tuesday evening, at 8 P. M., the Northfield Cornet

Band gave a concert The graduating exercises were held at St Mary's church, Friday, July 12, at 11 A M The orations were delivered as follows "College Life," Stephen H Campbell, "Camp Life," Waldo P Clement, "The Influence of Modern Arms upon Warfare," William L Stedman, "The Necessity of Combining Religious with Intellectual Culture," James W. Swett, "American Enterprise," Samuel D Conant, "Memory" Charles G. Griffith, "Education, the Condition of National Strength," Francis Z Kimball (gold medalist) Thomas J. Lasier, '64, delivered the oration before the trustees and Rev. Homer White read an original poem before the societies The commencement exercises of 1873 were held on June 25th Rev Mr Flanders delivered the address before the trustees.

The commencement exercises of 1874 were held from June 21 to 25 President Douglass delivered the Baccalaureate sermon On Wednesday June 24th, at 8 P M, a vocal and instrumental concert was given at Concert Hall before the societies At 9 A M, June 25, the military exercises were given, Lieut. Dwight H Kelton, U S A, '64, serving as marshall and inspector The following drills were given infantry drill, Capt E D Upham, commanding, general signal service, inspection and review, artillery drill and firing salute Lieut C E Field commanding

At 11 A. M the graduating exercises were held at Concert Hall The orations were delivered as follows Salutatory Address, Charles E Field, "Slavery" Robert A Silver, "Labor is Life," Edward D. Upham. Col. Wheelock A Veazie of Rutland delivered the oration before the trustees

The commencement of 1875 was held from June 30th to July 1. At this commencement was the largest attendance of alumni of any then held in Northfield, as it was quinquennial meeting of the Alumni Associations On Wednesday evening, at 7 P M, a meeting of the Alumni was held at Concert Hall Col. H. O Kent gave an address on the work of the alumni At 10 A M, on July 1, a procession was formed on the Parade and headed by the Northfield Cornet Band marched to Concert Hall, where the graduating exercises were held The following orations were given "Courage," Theodore C Mellwaine "Love of Country," George H D Thomas, "Ambitions," Frank C Hatch, "Self Knowledge" William M Rumbaugh James A L Whittier, '66, delivered the oration before the trustees and Rev. Andrew Hall, D D [illegible]

societies At 3 P M., the usual military drills were given on the campus The alumni meeting was held at 6 P M. The commencement of 1876 was held at Concert Hall.

In 1877 the commencement exercises were held in Concert Hall, in June. The salutatory address was delivered by Lieut B. F. Spaulding, and the valedictory by Lieut H C Dole R. M. Stephens delivered the class oration. Music was furnished by a Boston quartette Interesting drills were given in the afternoon Capt. R. M. Stephens had command of the company and skirmish drills, and Lieut H. C Dole the artillery.

In 1878, the commencement exercises were held during June 23–27. Rev. F. W. Bartlett, the University chaplain, delivered the Baccalaureate sermon at 4 P M, Sunday, at the Episcopal church On Wednesday evening the commencement concert was given at Concert Hall, Mr. Albert H. Knight, the well known dramatist of Chicago, Ill., recited.

The graduating exercises, at which Captain Curtis presided, were held at Concert Hall at 10 30 A. M , June 27. The following orations were delivered "Loyalty to Our State," Lieut John B Johnson; "Wonders of Science," Frank L Howe, "Far From Home," Eugene M. Carr, "Sources of National Corruption," Henry L Fuller; "Lessons from Our History," Frank H Parker; "A Word for Scientific Education," and the valedictory by Capt. Charles H. Spooner. Rev Edward R Atwill, A M., of Burlington, delivered the annual address before the trustees, and in the afternoon the usual drills were given.

In 1879 the exercises came on June 22–26. The Baccalaureate sermon was delivered by the University chaplain, Rev. F. W. Bartlett at 4 P. M., Sunday at the Episcopal church On Wednesday evening, Rev Walter Mitchell, A M , of Rutland, delivered the oration before the trustees. Music was furnished by W F Baker, '80, W. F Jones, Walter Dole, and Miss Mattie Dole, Mrs. Mina Gregory Slayton recited After the exercises the corps of cadets assisted by Company F., Vermont militia, gave a torch light drill and parade.

The graduating exercises were held at Concert Hall, at 10.30 A M , June 26 Orations were delivered as follows Latin oration, "Quam Quisque Noret Artem in Hac se Exerceat," Charles H. Spooner, "What We Gained by the Civil War," E. M Carr, Recitation in German, "Erlenkœnig," W. H Wilmarth, Oration, "A Mad and Destructive Conflict for Fame," and the valedictory, John B. Johnson.

The drills began at 3 P M, and were given as follows Infantry drill and bayonet exercise, Lieut. E M Carr, broadsword drill, Prof W M Rumbaugh; artillery drill, Capt John B Johnson.

An interesting feature of commencement this year was the display of drawings and the drafting work executed by the cadets An especially fine piece of work was the topographical survey of a portion of the Dog River Valley An enthusiastic alumni meeting was held Thursday evening, and following this meeting Captain and Mrs Curtis gave a reception to the alumni and friends of the University at their home on Central street. The cadets' hop was held at the old hotel at the Center

During this period the commencement hops were given at the Old Northfield House Here also were held several of the alumni meetings. In March, 1879, the hotel was burned and after that date the hops were usually given in the Governor Paine block.

CHAPTER VI

Lewis College, 1880-84

Critical Period Colonel Lewis Offers Aid -Legislative Act—Change of Name of the University—Colonel Lewis Letter—Belknap Litigation—State Aid—Old Name of the University Restored—Faculty—Entrance Requirements -Courses of Study—Expenses—Athletics— Reveille Junior Exhibitions—Graduating Exercises—Drills —Hops

In 1880, the financial affairs of the University were in a critical condition During the summer vacation a special effort was made to get new students, but with very little success On the opening of the fall term on September 2d, the corps numbered but a dozen Professor Johnson writes

"These were very trying times, for the University had no endowment nor income of any kind except about two hundred dollars a year from the militia pay allowed by the State and the scanty fees collected from the cadets, a large part of whom were either on scholarships or were town cadets, receiving reduced rates The professors paid the running expenses and divided the remainder and got along as best they could through the fall term but they all recognized the fact that unless help was shortly received from some source, the glorious old institution, with its wealth of military renown must close its doors before another term An appeal was made to the alumni but met with no response"

The heroic work of the faculty, holding together in that critical time and striving to keep the University alive, should awaken in the breast of every alumnus and past cadet, the greatest admiration

At this critical time Col. Charles H Lewis of the class of 1855, then a successful business man in Boston, was appealed to for aid, and he liberally responded In the fall of 1884 several of the trustees, feeling something must be done, secured the passage of the following act by the state legislature changing the name of the University to Lewis College in honor of Colonel Lewis. The legislative act was as follows

"An Act to Change the Name of the Norwich University

It is hereby enacted by the General Assembly of the State of Vermont

Sec 1 An act entitled 'An Act incorporating and establishing the Norwich University at Norwich, in Windsor County, passed November 6, 1834, is hereby so amended that said corporation shall be known and called by the name of Lewis College

Sec 2 This act shall take effect and the same shall be accepted by a vote of the Trustees of said Norwich University, at a meeting duly called for that purpose

Approved December 10, 1880 '

On December 20, 1880, Colonel Lewis wrote the following letter to Colonel Fred E Smith, Secretary of the Board of Trustees

Boston December 20, 1880

Col Fred E Smith,
Secretary, Norwich University,
Montpelier Vermont

Sir —

Having caused to be made a thorough canvass of the New England States and New York, for the raising of funds to move Norwich University back to Norwich, Vermont, and not meeting with the success expected, certainly means that the Alumni will not come to its rescue and Norwich University can only live as an institution of the past a sad commentary on the glorious old 'N U' Let it cease to exist, and not in its old age become such a tramp, such were the feelings of some of her graduates who requested me to join them taking its old charter and changing its name to Lewis College The legislature have just given the authority, subject to the approval of the trustees of the University, who are to meet at Northfield, Vermont, December 21 1880 Should the change be ratified by the trustees I hereby agree to pay the professors and instructors not to exceed six in number, for a term of two years and agree within six months from date that there shall not be less than fifty paying cadets on the roll of the college Should we have more cadets than the present barracks will accommodate, I will build another building equal to the one now built conditioned that the citizens of Northfield remove the encumbrance now upon the barracks built So soon as these two buildings are occupied I will build a museum building and place in it specimens of minerals and ores, from every state and territory in the Union and place a professor over the department of Mining and Metalurgy

When the number of cadets equal one hundred I will give the college twenty-five thousand dollars

I intend at once to create a fund for the establishment of scholarships that will make the college self-sustaining

With your helpful co-operation, gentlemen, I feel confident that the outgrowth from old "N U" will grow to be one of the great institutions of learning that we'll all feel proud of and that the mantle of old N U did not fall on unworthy shoulders

I am gentlemen, very respectfully,
Your Obedient Servant

On December 21, 1880, Dr George Nichols explained to the trustees the advisability of changing the name of the University and securing the aid offered by Colonel Lewis After some discussion it was voted to adjourn until December 31. At this meeting Dr. Nichols and other members of the board urged the acceptance of the change of the name of the Institution; and after a prolonged discussion, the trustees voted to accept the act of the legislature and secure the aid of Colonel Lewis.

This change of name was received by the alumni and past cadets with great disfavor. The board of trustees and Colonel Lewis were severely criticised. It would doubtless have been better, in the light of subsequent events, if the old name had remained, even if Colonel Lewis had withdrawn his offer; but there is no evidence to show that Colonel Lewis would have refused the aid if the name of the University had not been changed It was doubtless the fact that the gentlemen who approached him for aid offered to change the name of the University to Lewis College if he would help the Institution The reasons for the removal of the University to Northfield were not fully understood by the alumni, had they been, there is no doubt but their co-operation could easily have been secured As has been stated before, the people of Norwich took very little interest in retaining the Institution in their town and had it not been for the enterprise of the citizens' committee of Northfield, the University would in all probability have ceased to exist The criticism of the alumni was unjust, they had been approached for aid and had refused to give it The situation was critical and something had to be done at once to keep the Institution alive. Colonel Lewis was the only friend able or willing to give assistance and instead of criticising him the alumni should have aided him and given him all possible support.

Prof Charles Dole, under title of Secretary of the Faculty, became the virtual president, as President Lewis was only able to be present at the University at irregular intervals.

President Lewis and his advisers made many improvements There was only one general course, the Scientific, which gave a fair education in Civil Engineering, and general culture Courses were added in Mining Engineering, Chemistry and Physics, Metallurgy, Science, Literature, and Arts. The Civil Engineering course was greatly strengthened

In 1882, occured several unpleasant incidents connected with the Perley Belknap claim As was stated in Chapter V, the University settled his claim by giving two mortgage notes. On Octo-

ber 1 1877, a decree was rendered by court of chancery in his foreclosure suit against the University, and on October 1, 1878, this decree became absolute. From this time until 1882, Mr. Belknap asserted his right to use the University property The cadets of 1882 will remember with what vigor they dug up the potato patch he had planted on the campus, and in other ways prevented the turning of the beloved Parade into a garden Mr. Belknap died on August 30, 1882, and the matter rested until September 28, 1889, when Dr. P D Bradford as administrator of Mr. Belknap's estate, deeded the University buildings and land to J K Egerton, George Nichols and Frank Plumley. In the fall of 1882 the work of grading the hill was vigorously carried on

In 1883, Colonel Lewis met with serious business reverses, and was unable to carry out his plans for the advancement of the University He had, however, spent several thousand dollars in the improvement of the grounds, barracks, and the payment of the salaries of the professors Professor Johnson writes:

"This caused much anxiety and suffering among the faculty, who were all poor men with families to support They were obliged once more to depend upon the slender income of the college, and the share of each ran down for about two years to the meager sum of $170 They manfully held together, however, and maintained the standard of the University to the best of their ability To their self-sacrifice during this Valley Forge of its existence, the University now owes its very life"

Dr Clarence L Hathaway, '69, was elected vice-president, December 31, 1880, and served until his resignation on June 20, 1883 He contributed much time and money in the interests of the Institution

In 1883, there was a move to change the name of the University back to its old name, and to seek a new location At a meeting of the alumni in New York, on March 28, of this year, a committee of which General Dodge, '51, was chairman, was appointed to solicit funds from the alumni and past cadets

Dr C L Hathaway, '69, was appointed to see what Brattleboro, or some other towns in southern Vermont would give to aid the University, provided $25 000 was raised by the alumni Vice-president Hathaway wrote Col George W Hooker in regard to the matter and considerable interest was shown in Brattleboro in regard to securing the Institution Thomas A Edison became interested in the proposition of founding an Electrical Department After some agitation, no definite conclusions were reached, and the matter of a removal was dropped. Col F. V Randall of Northfield

lawyer, was elected vice-president, June 20, 1883, and held the position until his death March 1, 1885

At the commencement of 1884, occurred the semi-centennial anniversary of the incorporation of the University On Wednesday, June 16, enthusiastic alumni meetings were held An effort was made to start an endowment fund Professor Johnson writes

"A very healthy endowment boom was started at commencement, and something might have been done had not the meeting called for the purpose in the afternoon been literally talked out of existence by a cranky alumnus from a distant state Prominent friends with strong speeches and heavy pocket-books were obliged to leave the hall before this filibuster could be squelched, and so the much needed endowment movement ended for the time in disgust "

In the fall of 1884, it was again determined to try to secure aid from the state The University had now become thoroughly non-sectarian, and it was believed the legislature would look with favor upon the Institution, that had done so much for the state in the past Dr W B Mayo who represented Northfield in the house of representatives, ably assisted by Colonel Randall, Rev I P. Booth and others secured the passage, on November 25, 1884, of an act by which the state pledged itself to pay the tuition and room rent of one cadet, to be appointed by each senator from his own county, when possible This act by the legislature was hailed with joy by the friends of the University all over the country, as it was looked upon as a recognition by the state of its partial debt to her for her brilliant war service, as well as a financial contribution of substantial proportions The University by this act became a state institution It was fully a year before the new act became operative, but the friends of the University were buoyed up by high hopes of a bright future

On October 21, 1884, the old name of the University was restored by the act of the legislature On March 25, 1885, Dr. George Nichols, was elected vice-president and served until July 18, 1895

Professor Dole served during this period as professor of Rhetoric, History English Literature and Political Economy. Professor Rumbaugh served as professor of Drawing 1880-86, Civil Engineering, 1880-82 Architecture, 1881-82, Topographical Engineering, 1881-86 and commandant 1880-86 Professor Johnson continued as the professor of Mathematics and Astronomy, Mining Engineering, and Mechanical Engineering, 1881-83, Dr Philander

D. Bradford continued as the professor of Physiology and Hygiene; Rev F W Bartlett, A M , resigned as professor of Latin and Greek on June 15, 1882 In 1881, Professor Frederick W. Grubé, A. M., a graduate of the Universities of Dublin, Bonn and Paris, was elected professor of the Modern Languages, and held the position until January, 1882, when he resigned In 1883, Prof Louis Habel, A. M , Ph D , a graduate of the University of Bonn, Germany and for some time a first assistant of the chemical laboratories of that institution, was elected professor of Chemistry, Physics, Metallurgy and the Modern Languages He had taught for some time at the University of Vienna, Austria. He proved a most capable instructor. He soon strengthened the chemical course and added new equipment The chemical laboratory was moved into the large room on the first floor, of Jackman Hall, at the front of the building, and east of the north and south hall In 1880, Prof. Asa Howe, of the class of 1843, a prominent civil engineer was secured as professor of Field Engineering He did much to strengthen the course and gave the cadets much practical work in the field Rev. I. P Booth, A M , pastor of the Universalist church in Northfield, was elected professor of Latin and Greek, August 2, 1883 Vice-president Hathaway, M D , served as professor of Anatomy, Physiology, and Hygiene from 1881 until his resignation in 1883 He then continued as lecturer on Hygiene until 1886 Prof Hiram A. Cutting, the distinguished geologist, served as lecturer on Natural Sciences and Geology during this period Hon George N Carpenter, A M , a native of Northfield, served as lecturer on Commercial Ethics, during this period Vice-president Randall lectured on International and Military Law from 1883 until his death

The attendance for the years 1881-84 was thirty-eight, of this number seventeen were graduates The following requirements for admission given in the catalogue of 1881–82, practically remained unchanged during the period

"All candidates for admission to the college must be at least fifteen years of age, and must present satisfactory evidence of good moral character

For the Courses in Science and Civil Engineering, Mining Engineering, Chemistry and Physics, Metallurgy, Science and Literature, candidates will be examined in the following studies

Mathematics Arithmetic, Algebra, through simple equations, Geometry four books of Davie's Legendre, or its equivalent

English Language. Grammar; Composition, with special attention to punctuation and the use of capitals

Geography. Physical and Political Geography

History History of the United States.

Latin. Allen and Greenough's, or Harkness' Latin Grammar, and Latin Prose Composition; Caesar's Commentaries, books 1–3, or their equivalents, or, in place of Latin, the candidate may offer

French. Grammar; translation of French at sight; the translation of English into French

Or, German Grammar, translation of German at sight; the translation of English into German.

Or, Advanced Mathematics, such as may be acceptable to the Faculty.

Graduates from high schools will be admitted without examination, and their ability to continue in the course they enter will be determined by the examination at the close of the first term.

Candidates not fully prepared in all the requirements, may be conditioned, and special assistance will be given them by the professors in making up the deficiencies.

Course in Arts.

In addition to the examinations in Mathematics, English Language, Geography and History, laid down for the courses in Science, examinations for the course in Arts will be as follows:

Latin Caesar's Commentaries, four books, or Sallust's Cataline, Virgil's Aeneid, six books, Cicero, four orations.

Greek Xenophon's Anabasis, four books or one hundred pages Goodwin's Greek Reader, Homer's Iliad, two books.

* * * *

Candidates for advanced standing will be examined in all the previous studies of the course; and if they come from another institution, will present certificates of honorable dismission

Candidates not applicants for a degree, will be allowed to go into the classes for which they are fitted and pursue a special course.

Courses of Study, 1881–84

Regular Courses.

First Year (All Courses except in Arts), Algebra, Geometry, Trigonometry, plane and spherical, General Chemistry, French, German or Latin, Rhetoric, History, Greece and Rome; Drawing, freehand and geometrical. Military Instruction—infantry drill and sword and bayonet exercise

Science and Civil Engineering.

Second Year. Analytic Geometry, Descriptive Geometry, Differential Calculus, Surveying, theory and practice, Leveling, field practice, Shades and Shadows, theory and drawing, Perspective and Topographical, French or German, Composition and Elocution Military Instruction—infantry drill, sword and bayonet exercise, and lectures on the customs of the service.

Third Year Integral Calculus, Mechanics of solids, fluids, gases and molecules, practical appliances, Geology, structural, dynamical and historical, French or German, Logic; Commercial Law, Constitutional History, Topography, field practice and drawing; Lectures on Anatomy and Physiology Military Instruction—infantry and artillery drill, guard and outpost duty, and lectures on military subjects

Fourth Year. Natural Philosophy, acoustics and optics, Astronomy, descriptive, physical and spherical, Hydrography, machine drawing and structural drawing, Civil Engineering, theory, roads, bridges, tunnels, canals, strength of material, practical operations, use of level and theodolite, leveling for section and working, Architecture, drawings, French or German, Lectures on Hygiene, Political Economy, Constitutional Law, Thesis Work Military Instruction—infantry and artillery drill, art of war and engineering

Mining Engineering

Second Year. Analytic Geometry; Descriptive Geometry; Differential Calculus, Surveying, theory and practice, Drawing, Perspective and Topographical, Physics, lectures; French or German, Composition and Elocution, Physical Geography; Qualitative and Quantitative Chemical Analysis, laboratory work, Blow-pipe analysis, Crystallography and Determinative Mineralog-

THIRD YEAR Integral Calculus, Mechanics, statics, dynamics and kinematics, Physics, lectures and laboratory work, Geology and Lithology, Quantitative Chemical Analysis, Mining Engineering, Assaying, Constitutional History; French or German, Lectures on Anatomy and Physiology

FOURTH YEAR Mechanics completed, Hydrography; machine drawing and structural drawing, Building Materials, Mining Laboratory, work upon gold, silver, copper and other ores in quantity, Quantitative Chemical Analysis; Metallurgy, lectures, Ore-Dressing, lectures, Political Economy Constitutional Law, Thesis work, Lectures on Hygiene

Military Instruction throughout this course the same as in Course I

CHEMISTRY AND PHYSICS

SECOND YEAR Analytical Geometry, Descriptive Geometry, Differential Calculus, Physics lectures, Drawing, French or German, Physical Geography; Qualitative and Quantitative Analysis, lectures and laboratory work, Blow-Pipe Analysis, Crystallography and Determinative Mineralogy, Composition and Elocution.

THIRD YEAR Integral Calculus, General Physics optics and acoustics, Chemical Philosophy, Quantitative Analysis, laboratory work, Industrial Chemistry, Physical Laboratory, French or German, Constitutional History, Lectures on Anatomy and Physiology.

FOURTH YEAR Applied Mechanics, General Physics, Electricity; Acoustics and Optics, Organic Chemistry, Chemical Laboratory, chemical application of physics; Metallurgy; Principles of Scientific Investigation, Political Economy, Constitutional Law, Thesis work, Lectures on Hygiene.

Military Instruction throughout this course the same as in Course I

METALLURGY

SECOND YEAR Analytical Geometry, Descriptive Geometry, Physics, Qualitative and Quantitative Analysis, Blow-Pipe Analysis, Crystallography and Determinative Mineralogy; Physical Geography and Dynamical Geology, Drawing, French or German, Composition and Elocution

THIRD YEAR Chemical Philosophy, Physics, Quantitative Analysis; Industrial Chemistry, Lithology and Geology, His-

torical Geology, Assaying, Drawing, French or German. Constitutional History, Lectures on Anatomy and Physiology

FOURTH YEAR Metallurgy and Ore-Dressing, Metallurgical Laboratory, work upon gold, silver, copper and other ores in quantity. Quantitative Analysis, laboratory work, Drawing, Building Materials, Applied Physics, Political Economy, Thesis work, Lectures on Hygiene

Military Instruction throughout this course the same as in Course I

SCIENCE AND LITERATURE.

SECOND YEAR. Analytic Geometry, Descriptive Geometry, Surveying, theory and practice, German, French or Latin, English History and Literature, Leveling, field practice, Drawing; shades and shadows Perspective and Topographical Drawing.

THIRD YEAR French or German, Logic; Constitutional History, Geology, Commercial Law International Law, History of the Roman Empire, Physics, Composition and Elocution; Lectures on Anatomy and Physiology.

FOURTH YEAR French or German, Political Economy, Mediaeval and Modern History, Literature and Oratory, Constitutional Law; History of Philosophy, Philosophy of History, Thesis work, Lectures on Hygiene

Military Instruction throughout this course the same as in Course I

COURSE IN ARTS.

FIRST YEAR Greek, Latin, Geometry; Algebra, Trigonometry; General Chemistry, Freehand and Geometrical Drawing, Composition and Elocution

SECOND YEAR Greek, Latin, Analytical Geometry, Surveying, theory and practice, English History and Literature, Leveling, field practice, Drawing, Perspective and Topographical

THIRD YEAR (Greek and Latin, Elective), French or German, Geology, Logic, Physics, (elective studies, Constitutional History, Commercial Law, International Law, History of the Roman Empire), Composition and Elocution, Lectures on Anatomy and Physiology

FOURTH YEAR (Greek and Latin, elective); French or German, Political Economy, Constitutional Law, (elective studies, Literatu[illegible]

ern History; History of Philosophy; Philosophy of History;) Thesis Work; Lectures on Hygiene.

Military Instruction throughout this course the same as in Course I.

The military organization was continued in this period practically as in 1878-80. There was no change in the uniform; during this period the encampments were discontinued.

The entire University expense was $300 a year; if a cadet roomed alone an additional charge of thirty dollars was made. The University furnished the furniture, but the cadets were required to supply themselves with the necessary bedding. Cadet musicians had their tuition remitted. During this period, Professor Charles Dole continued his boarding hall for the cadets.

Artillery Drill in the Eighties.

There was very little attention paid to athletics until January 19, 1881, when the Lewis College Baseball Association was organized with the following officers: president, T. H. Nickerson, '84; vice-president, C. K. Mellen, '84; secretary, F. R. Belknap, '85; treasurer P. M. Fletcher, '87. A committee, consisting of C. K. Mellen, F. R. Belknap and A. J. Ranney, was appointed to draft a Constitution and By-laws. At the meeting of the Association held on April 17, 1883, the membership of the team was selected as follows: C. K. Mellen, '84, captain; P. M. Fletcher, '87, assistant captain; F. R. Belknap, '85, scorer; C. H. Nichols, '86, umpire; P. M. Fletcher, '87, catcher; T. H. Nickerson, '84, pitcher; C. K. Mellen, '84, 1st base; C. H. Nichols, '86, 2d base;

H D Stewart, 3d base, A J Ramney, shortstop, C E Austin, '87, left field, W E Hassam, '87, center field, F R Belknap, right field

The publishing of the *Reveille* was resumed in January, 1882, and was continued during this period In the winter of 1882-83, a Cadet Theatrical Club was formed and on February 21st and 22d, presented the play "The Spy of Atlanta," at Concert Hall The proceeds were for the benefit of the library The officers of the Association were George R Miner, '84, president, H. D. Stewart, '86, secretary, C. K Mellen, '84, treasurer; N. L Sheldon, '84, agent On March 14th and 15th the Association presented the "Cool Collegians" and "Class Day" at Concert Hall, the following cadets taking part F R Belknap, '85, C. K Mellen, '84, F S Parker, '84, T H Nickerson, '84, E H. Prince, '86, N L Sheldon, '84, R W Stewart, '86 The cadets were required to attend chapel exercises each morning, and on Sunday one of the five churches in town.

The Baccalaureate sermons for this period were delivered as follows Rev William S Hazen, at the Congregational church, June 11, 1882, Rev I P Booth, at the Universalist church Sunday afternoon June 17, 1883, Rev Walter Dole, '70, at the Universalist church, June 15, 1884

On Wednesday, June 15, 1882, at 8 P M, was held the junior exhibition. Professor Dole presided. The following programme was given oration, "Tariff," by James M Holland, declamation, 'Unjust National Acquisitions," by H E Thayer, oration, 'Monopolies,' T. H Nickerson, declamation 'The Last Hours of Socrates," C K Mellen, declamation, "Deathbed of Benedict Arnold,' H B Hersey, Mrs Mina Gregory Slayton, recited and music was furnished by the Northfield quartette

The junior exhibition of 1883, was held at Concert Hall, Wednesday, June 20th at 8 P M The following programme was given, declamation, 'A True Hero,' by C K Mellen, declamation, "Pyramids, not all Egyptian," by M L Chandler, declamation, "The Curse of Regulus," by H B Hersey, oration, 'Tendencies—Political, Religious and Social," by F S Parker, oration, 'The Citizen Soldier," by N L Sheldon.

The junior exhibition of 1884, was held at Concert Hall at 8 P M., Tuesday, June 17 The programme was as follows oration, "Evils of War," Fred T Egerton, declamation "Mutual Relation

"Similarity in the Character of Great Men," Earl H Prince, declamation, "Parrhasius and the Captive," by Roland W Stewart oration, 'Benefactors of Mankind," by Fred R Belknap. Music was furnished by John W. Jones of Northfield and Mrs Mina Gregory Slayton of Chicago

In 1884, the custom of holding class day exercises was begun, but for some time were private

In 1881, the commencement exercises began at the Universalist church Wednesday evening, June 22 The annual address before the trustees was delivered by Colonel George N Carpenter, his subject being "The Essentials of Culture" Vice-president C L Hathaway, '69, presided and gave a brief address The graduating exercises were given at the Concert Hall, June 23 Vice-president Hathaway presided The Salutatory address and oration, "What we Owe the Sword," was delivered by Lieut Marshall D Smith. The class oration was delivered by Lieut Henry M Jones, his subject being 'American Industry' The Valedictory address and oration, "Inspiration, the Benefactor of Womankind" was delivered by Capt William H Wilmarth Fred W Webber of Montpelier read an original poem, "Sampson's Riddle", music was furnished by the Northfield cornet band An Alumni meeting was held in the afternoon, at which resolutions were passed endorsing the action of the trustees in changing the name of the Institution to Lewis College The drills came at 3 P M as follows bayonet drill, under command of Lieut M D Smith, sabre drill, Lieut H. M Jones, artillery drill, Capt W H Wilmarth

The graduating exercises of 1882 were held on Thursday at 10 30 A M, June 15 at Concert Hall President Lewis presided Cadet Captain George W Hobbs delivered the class oration and Hon. Charles H. Reed, the annual address before the trustees, his subject being "Individuality the Basis of True Citizenship," Capt George W Hobbs, '58, read an original poem

In 1883, the graduating exercises were held at 10 A M, June 21st, at Concert Hall Vice-president Hathaway presided The cadet orators were Capt Wilbur C. Howe and Lieut. George R Miner, Lieut James M. Holland delivered the Valedictory address and Rev J Edward Wright of Montpelier the annual address before the trustees The drills came at 3 P M, as follows bayonet and sabre drills, Lieut James M Holland, broadsword fencing, Lieut George R Miner, artillery drill, Capt W C Howe A competitive artillery drill was given between the alumni

and cadets. Gun No. 1 was manned by the cadets, and gun No. 2 by the alumni.

The commencement exercises of 1884 were held at 10 A. M., June 9th, at Concert Hall. Vice-president Randall presided. Capt. T. H. Nickerson delivered the Salutatory address and Capt. C. K. Mellen the Valedictory; the class orators were,

The University, from the East.

Lieut. N. L. Sheldon and F. S. Parker; Col. George N. Carpenter delivered the annual address. The drills were given as follows: infantry drill, Capt. T. H. Nickerson; sabre and bayonet drills Lieut. C. K. Mellen; artillery drill, Lieut. N. L. Sheldon.

During 1882–84, the cadet hops were given in Armory Hall. The music in 1882 and 1883 was furnished by the Gilson & Cushman Orchestra and in 1884 by Carter's Orchesra of Boston. Suppers were served at the Northfield House.

CHAPTER VII.

Norwich University, 1885–1911.

Restoration of the Old Name, Norwich University—Resignation of Professor Dole—Professor Wait Executive Officer—Course of Study Enlarged—Detail of an Army Officer—Professor Brill Appointed Superintendent—Boston Alumni Association—Mess Hall—Endowment Fund Belknap Litigation—Dodge Hall—President Lewis Resigns—State Aid—New York Alumni Association—General O O Howard Becomes a Trustee—Purchase of Land—Administration of President Brown Battle of Manila Bay—Board of Visitors Appointed—Dewey Hall—Dewey Celebration in Northfield—Scholarships Founded—Dodge Fund—Drill Hall—Dewey Day—Alumni Hall—Administration of President Spooner—Carnegie Hall—Weather Bureau Building—Faculty—Attendance—Entrance Requirements—Courses of Study—Text Books—Degrees—Prizes and Medals—Library—Summer Schools—Military Organization—Uniforms—Encampments and Marches—Austin Trophy—Expenses—Athletics—Fraternities and Clubs—Debates—Sheldon Contests—Musical Clubs—Cadet Band Religious Work—Baccalaureate Sermons—Class Day Exercises—Junior Exhibitions—Graduating Exercises—Corporation Dinners—Commencement Drills—Concerts—Hops

This period opened with bright prospects Upon the restoration of the name, Norwich University, the alumni began to take greater interest in its welfare The active management of the University continued in the hands of Professor Dole, until 1886 The first necessity was a larger attendance; and on September 17, 1885, Rev I P Booth was appointed agent to secure new students. Rev. Mr. Booth worked with great zeal, materially increasing the attendance

On September 1, 1885, a Preparatory department was established. For some time classes had been formed for cadets not fully prepared to do the work, and on this date the trustees voted to advertise the department, which was conducted until 1890 On September 1, 1885 it was also voted that the faculty maintain an organization and that regular meetings be held and records be kept

In 1886, the University suffered a severe blow in the loss of three of her professors· Prof. Charles Dole resigned to engage

in business, Prof W. M Rumbaugh resigned to enter the employ of the Western Electric Company of New York, and Dr. Louis Habel, the learned and able chemist, died September 8, 1886 In September, Prof John C Wait was appointed professor of Civil Engineering and commandant, and in the winter was made superintendent, having full charge of the management under Dr. George Nichols, acting president Professor Wait resigned in August, 1887, much to the regret of the University officials. He proved a capable instructor, an able manager, and did much to strengthen the academic work The Civil Engineering course was greatly enlarged and modernized The course in arts, which had been allowed to go down in the poverty of the Institution, was reinstated to the satisfaction of the graduates A course in Architecture was also added, but not proving popular, was dropped in 1891

In the fall of 1886, the U S Government gave its first official recognition to the University in establishing a Weather Bureau office on the Hill This was brought about through the active work of the trustees and Professor Wait. In December of this year, Sergt H J Cox, came to the University as the observer The large room on the south side of the second floor of Jackman Hall, east of the north and south hall, was fitted up as a station, and on March 1, 1887, it was opened for the work of the Bureau

On August 21, 1886, Col H O Kent and Hiram Atkins of Montpelier were appointed to procure equipment from the War Department The second official recognition of the University by the U S Government was the detail of an army officer as commandant. This recognition was secured by Professor Wait with the co-operation of Gen G. M Dodge, '51, Dr W. B Mayo, Hon. Frank Plumley, Dr George Nichols and others.

This detail meant much, as the Government recognition was one of the factors that placed the University on a permanent basis On February 16, 1887, Adj Gen. R C. Drum, U. S. A., issued an order detailing Lieut Edward H Catlin of the 2d Artillery as commandant General Drum proved a warm friend of the University He had served with Col Truman B Ransom, '25, in the Mexican War, and was a great admirer of that most gallant officer On several occasions he paid glowing tributes to the worth of Colonel Ransom, stating that he was one of the ablest officers of the army In September, 1887, Lieutenant Catlin ass

the Military department of the University has been under the charge of an army officer, excepting for a brief period during the Spanish-American War. On June 14, 1886, it was voted by the trustees to have one of the professors room in the barracks and have supervision of the discipline in the absence of the commandant. This arrangement continued until the end of the year 1895-96, when the adjutant was given charge of the discipline, as a representative of the commandant.

On August 5, 1887, Prof. C. C. Brill, was appointed superintendent and executive officer, having in charge the administration of the affairs of the University, under Dr. George Nichols

Depot Square, Northfield.

and Prof. Charles Dole, acting presidents. This arrangement continued until President Brown assumed his office in 1896. In August, 1887, the trustees voted to elect members of the board for a term of years, and also to allow the General Alumni Association representation on the board. This year the physical and chemical apparatus owned by Professor Habel was secured, greatly increasing the efficiency of the Chemical department.

In 1888, the trustees took further action toward securing the co-operation of the alumni by requesting the General Association to present the names of five graduates to be elected trustees.

On February 5, 1889, the first meeting of the Boston Alumni Association was held at the Quincy House, and from this date the association has had a continued existence. It has done much

to promote the interests of the University. In the spring of this year a flag pole was presented by Gen. E. M. Carr, '79. In June, it was voted to establish a mess hall and require all the cadets to board there. It was conducted in Professor Dole's house at the Center during 1889–90, and at the old hotel at the Center, 1890–99. In this last year Professor Dole was appointed commissary and conducted it until 1903, when the cadets were allowed to board at their Fraternity houses and in town.

On June 26, 1889, the trustees revived the office of marshall and Col. Frank L. Howe, '80, was appointed to the position, which he has held to date. On June 26, 1889, a committee, consisting

Central Street, looking North.

of Col. H. O. Kent, '54, Col. George W. Hooker and Dr. W. B. Mayo, was appointed to secure the services of an active President; but nothing definite was accomplished until 1896.

At the annual meeting of the General Alumni Association, held at the University Chapel, June 26, 1889, the necessity of an endowment fund was discussed. The alumni present generously subscribed $1700. Thus was begun the first permanent endowment fund of the University. Prof. J. B. Johnson, '79, was elected treasurer of the fund and from that date has taken an active interest in the work. It is interesting to follow the growth of the fund from the small beginning of 1889, to the substantial sum of 1911. The Boston Alumni Association took hold of the matter

association in Boston on February 7, 1890, the fund project was discussed, and General Dodge, '51, who was present at the meeting, made a substantial donation. From time to time small donations have been added to the fund. On June 20, 1908, Capt. Curtis S. Barrett, of the class of 1863, and a prosperous business man of Cleveland, Ohio, died, willing the University $100,000, which was turned over to the University treasurer July 7, 1909. This magnificient gift has done much to awaken the interest of the alumni and friends of the Institution and has paved the way for more substantial gifts.

View from Jackman Hall, looking North.

On June 26, 1889, the Perley Belknap claim on the University was presented to the board for their action. Hon. Frank Plumley, John P. Davis and Dr. Edwin Porter, were appointed to investigate the matter, and if possible pay the claim. On September 28, 1889, at 2 P. M., the property was sold at auction on the common by Sheriff E. W. Howe. The property had been widely advertised as a suitable site for a school, and on the day of the sale a gentleman from out of the state came for the purpose of buying the property. Dr. W. B. Mayo was detailed to show him the ground, with orders to take all the time *necessary*. While the gentleman was inspecting the grounds and viewing the scenery, the sale was rushed through, much to the chagrin of the would-be purchaser, who arrived a few minutes after the sale was closed.

Mr. Joseph K. Egerton bid off the property subject to a mortgage, which had been given a Mrs. Edson, of Randolph, by Mr. Belknap. On September 28, 1889, Dr. P. D. Bradford, administrator of the Belknap estate, deeded the property to Mr. J. K. Egerton, Hon. Frank Plumley and Dr. George Nichols. Mr. Egerton was appointed by the trustees to raise the money to pay for the property. The citizens of the town and several of the alumni liberally responded and the debt was paid, all but the mortgage due Mrs. Edson. On June 13, 1891, Mr. J. K. Egerton, Hon. Frank Plumley, and Dr. Nichols, deeded the property to the University. After many delays Mrs. Edson's claim was paid in 1903

Birds-eye View of Northfield.

At the meeting of the Boston Alumni Association on January 3, 1891, several important matters pertaining to the University were discussed. Gen. G. M. Dodge, '51, attended this meeting and offered to assist in starting an Electrical Engineering Course. Prof. J. B. Johnson, '79, urged the erection of a recitation building to accommodate the increased number of students. Gen. Dodge, acting on this suggestion, offered to contribute the necessary funds for the new building. On Feb. 14, 1891, Mr. G. H. Guernsey of Montpelier presented the plans for this building to the trustees; and on this date a building committee, consisting of Hon. Frank Plumley, Mr. J. K. Egerton and Prof. J. B. Johnson, was appointed to have full charge of the construction work. On May 6

Dr. George Nichols and Dr. Edwin Porter were added to the committee. In the spring the grading of the grounds around Jackman Hall, which had been carried on at irregular intervals for several years, was completed. The knoll, once the tried friend of the cadet, was removed. Most of the work of grading was contributed by the farmers of the town. On commencement day June 25, 1891, the corner stone was laid with appropriate ceremonies, by Gov. C. S. Page. The building was completed in the summer of 1892 and named Dodge Hall in honor of it's donor. The basement has been used for the chemical laboratories to date, and the large rooms on the first and second floors for recitation rooms.

Park at the Center Village.

From 1892 until 1902, the large room on the second floor was used for a chapel and is now used as a lecture room. The large room on the west side of the third floor was used for the library until 1902. At present the third floor is used for the drafting classes.

On June 30, 1892, Col. C. H. Lewis, '55, resigned as president. He had only held the position in a nominal way since 1883, taking no part in the executive work of the Institution.

In the fall of 1892, the legislature was again appealed to for aid. The other colleges of the state were receiving $2400 a year for scholarships, and Norwich only $1500. On November 21, the legislature passed an act providing for thirty scholarships of eighty dollars each. Also, at this session of the legislature, the University Charter was amended so that the annual meeting of the board

came on Wednesday, in June, next preceeding the annual commencement.

The trustees secured the passage of an act of the legislature on November 12, 1894, increasing the board to thirty members and providing for five alumni trustees, to hold office for five years. In 1892, the New York Alumni Association (q. v.) was reorganized.

Dr. George Nichols resigned as vice-president and acting president in July 1895. He had been for many years an earnest and tried friend of the University and his resignation was reluctantly accepted by the trustees. Prof. Charles Dole succeeded Dr. Nichols as vice-president and has held the office to date.

East Side of Depot Square.

In May, 1895, the first Alumni Catalogue, a valuable work of thirty-nine pages, was published under direction of Prof. J. B. Johnson, '79, assisted by Fred B. Thomas, '95.

This year, the class of 1895, began the custom of presenting a class step. This good work has been continued to date, so that the cadet of years ago can now have the pleasure of walking up the hill to Jackman Hall over solid granite steps. In this year the enterprising graduating class began the publication of the *War Whoop.* (q.v.)

In 1895, an Electrical Engineering Course was begun and Prof. Edson M. Stevens, a graduate of the University of Vermont, was placed in charge of the work and in this year the electric light

system was installed In 1897 the Electrical Engineering Course was discontinued.

In the spring of 1895, Gen O O Howard, U. S. A. the distinguished soldier, at the solicitation of General Dodge visited the University. He recognized that one of the pressing needs of the University was more land, and through his assistance the following property was bought

On August 5, 1895, Mr. W. W Holden deeded the University the strip of land, from a north and south line at the foot of the hill toward the railroad track, to a north and south line on top of the hill, just in front of where Carnegie Hall now stands, extending south from the south line of the original University property to the road from the Center to the railroad, comprising about four and one half acres of land On the same date Mr A K Johnson deeded the land extending from the property just described, to the track and from the McGraw property south to road before mentioned, containing about eleven acres. On the same date Prof Charles Dole deeded the land east of the W. W. Holden property, extending east to the road leading from Central Street to the Center, and from the south line of the original University property to the land owned by Fred Joslyn, containing about two and one-half acres. On August 6, 1895, Mr Fred Joslyn deeded the University about three acres of land extending from the Professor Dole property south to the land owned by Robert A Silver, '74, and Mrs F J Davis and east from the old Country road, west to the land deeded by W.W. Holden, before described

On May 25, 1896, Mr and Mrs W F Cushman deeded to the University the strip of land west of Central Street opposite the Parade, containing about two acres Through the assistance of General Howard the University had now acquired, with land bought in 1895, twenty-five acres of land affording ample room for the drills and sites for the erection of buildings. In 1895 it was felt by several that this purchase was unnecessary as the Institution had more land than it would ever use, but in the light of subsequent events, it has been shown that General Howard's advice was prophetic of what was to come

In 1896, there was some discussion as to the legality of the state's paying the University for the encampments The matter was finally left to the Supreme Court, who decided in favor of the University. In November of this year a legislator, unfriendly to the Institution, introduced a bill designed to sever the connection of the corps of cadets from the state militia. The matter

was very adroitly handled, the bill being presented at the very last of the session. The friends of the University were taken by surprise; many of the influential trustees and friends were out of the state and unable to appear before the committee to whom the bill was presented. Professors Johnson and Brill and Dr. W. B. Mayo took the matter up with vigor; a few friends were drafted for service. For a time the fate of the University's connection with the state militia was held in the balance. That year an effort was being strenuously made to lower the state expenses and the introducer of the bill advocated the cutting of expenses by stopping the militia pay to the University; but

Northfield Graded and High School, 1910.

unexpected friends were found among the legislators. That year several of the representatives were G. A. R. men and, unsolicited took up the fight for Norwich. One prominent democrat who had from the first advocated the cutting of expenses stated that it was poor policy to begin a reduction of expenses by crippling a time honored institution that had done so much for the state, especially in the Civil War. He then gave an account of the services of the "N. U." men in his regiment, paying glowing tributes to their labors. Then the G. A. R. men of the legislature spoke on the service of the Norwich men in their [illegible] Then other members sons and relatives [illegible] Thus

testimony to the heroic and efficient work of the Norwich graduate. In fact, it seemed to the anxious friends of the University, waiting in the gallery of the house, that a good old fashioned Methodist love feast was taking place. When the vote on the bill was finally taken, only four votes were registered for its passage.

The account of this historic legislative fight is given at some length as the defeat of the bill meant much to the University. If this bill had passed, and Norwich had lost the recognition of its Military department by the state, there is no question but the U. S. Government would have soon withdrawn the detail

View of "N. U." from the East.

of the army officer, as commandant and professor of Military Science and Tactics.

In 1895-96, the necessity for an active president was again agitated. The Boston Alumni Association took the matter in hand and appointed a committee, consisting of N. L. Sheldon, '84, and W. A. Shaw, '88, to raise the money for the salary. Through the work of these gentlemen, the alumni subscribed one thousand dollars to be paid annually for three years, to help on the salary.

The Rev. Allan D. Brown, a graduate of the U. S. Naval Academy, class of 1860, and a retired commander of the U. S. Navy, then an Episcopal clergyman in Barre Vt. was elected

president in the fall of 1896, and, on December 8, was inaugurated with appropriate exercises at the Methodist church. A large number of the alumni and friends of the University were present. On the rostrum was seated President M. H. Buckham of the University of Vermont, and President Ezra Brainerd of Middlebury College. Prof. C. C. Brill, Dean of the University, gave an address of welcome to President Brown. Vice-president Charles Dole also gave an address of welcome and presented the keys and the charter of the University. Col. H. O. Kent represented the alumni and delivered an eloquent address of welcome.

President Buckham delivered an able address on educational matters in Vermont. He congratulated the University

Gouldsville, looking South.

on her prosperity and tendered our new president his good will, as follows: "I bring to the new President of Norwich University, and to the administration of which he is the head, the tender of hearty good will and good wishes from the University of Vermont and the State Agricultural College."

President Brainerd, in his able address of welcome to President Brown, said: "I can only respond with a hearty "Amen," to all that has been said regarding the pleasant relations which I trust will always exist between Vermont's several colleges. Whatever may be said in favor of *one* college in our state in place of the several today, it still remains that we must have them as they

President Brown then delivered his inaugural address.

At 8 o'clock P. M., a reception was given President and Mrs. Brown at the Armory Hall. The Montpelier Orchestra furnished music for the occasion. The hall was crowded with town's people, guests from various sections of the state, alumni and cadets, to welcome the new president. The securing of an active president was hailed by the alumni and friends of the University as a further steps toward a prosperous future. President Brown at once began the duties of his office with vigor.

On October 13, 1897, the old North Barracks was burned in Norwich, thus removing the last vestige of the Institution in that town.

Governor Paine Block, Co. F V. N. G., leaving for New York in 1889.

The year, 1898, was one of the most eventful of the history of the University. On February 15, 1898, the U. S. S. *Maine* was blown up in the harbor of Havana; and this event stirred every Norwich cadet with the desire to avenge the outrage. On April 22, the next day after the United States had declared war with Spain, President Brown addressed a circular letter to the alumni and past cadets in regard to their service in the army as officers. Fully eighty percent of the men responded, offering their services if needed.

On May 1st, Admiral Dewey, a gallant son of "N. U." defeated the Spanish fleet in the harbor of Manila. This event was heralded as one of the greatest naval conflicts of the world;

and Norwich University, which for some years had been lost sight of among the greater institutions of the land, suddenly came to the front Glowing tributes were paid our little college by the press of the country for its work in the Civil and other wars. Several of the cadets were commissioned in the army and became distinguished in the war and later in the Philippine insurrections. Meetings were held all over the country in honor of this glorious battle and the work of the University was highly complimented An enthusiastic celebration was held in Montpelier Vt., May 9, 1898, in honor of the "Hero of Manila Bay"

The corps of cadets was invited as the guest of the city of Montpelier and entertained at the Pavilion Hotel. In the afternoon public exercises were held in the Armory Speeches were made by Gen Stephen Thomas, President Allan D Brown, and other prominent citizens of the state. A salute was fired from Seminary Hill by a squad of cadets A parade was given through the various streets of the city In the procession were the officers of the cities of Montpelier and Barre, Faculty of "N U," various military and secret organizations, the "N U" corps of cadets, and the Montpelier High school cadets A special train brought the corps back to Northfield Fully 10,000 visitors were present

On November 16 1898 the state still further recognized the University as a state institution by providing for a Board of Visitors, whose term of service should begin on the first day of December, next succeeding their appointment, and continue until their successors were appointed Their duties are to visit the University at such times as they see fit and audit the expenditure of the money received from the state and make their reports to the state legislature

The erection of Dewey Hall was made possible by the achievement of a son of "N U," Commodore George Dewey, U S N, '55, in defeating the Spanish Navy May 1, 1898, at the historic battle of Manila Bay Soon after the battle, various schemes for erecting suitable memorials to perpetuate the name of America's great Admiral were proposed by the American people The idea of a Memorial Hall erected in his honor at Norwich University, where he first received military training was suggested, and at once became popular with the people of the state, and throughout the country generally

In October, 1898, the project took definite shape. Mr. Williams o

another prominent citizen of the state gave $500 Hon John L Bacon, state treasurer of Vermont, consented to act as custodian of the fund, and subscriptions were made payable to him Before the active work of securing subscriptions was begun, President Brown cabled Admiral Dewey at Manila in regard to the project, and in reply received the following letter

United States Naval Force on Asiatic Station, Flag Ship Olympia,

CAVITE PHILIPPINE ISLANDS, October 3, 1898

Commander A D Brown, U S Navy
President Norwich University

MY DEAR SIR

Replying to your letter of August 2 last, I have great pleasure in stating that in my opinion results have shown the excellent training young men have received at Norwich University

That the University is well worthy of the fostering care of the state goes without saying and I trust the legislature may see its way clear to vote some substantial assistance

Nothing the state could now do for me would give me greater pleasure

Very truly yours,
GEORGE DEWEY,
Rear Admiral, U S Navy

Ground was broken for the Hall on May 1, 1899 by Capt Charles E Clarke, U S N, a native Vermonter, and a classmate of President Brown A very elaborate celebration was held at Northfield Captain Clark and Congressman Haskins, and other distinguished guests participated in the celebration A long procession was formed in Depot Square consisting of the Foresters, Veterans of the G A R, and military organizations, and headed by the Northfield Band and the Corps of Cadets, was marched to the University grounds

Capt. Charles E. Clark, U. S. N., b eaking ground for Dewey Hall.

From left to right: Col. Fred F. Smith, Col. Frank L. Howe, Hon. George Nichols, Joseph K. Egerton, Rev. William S. Hazen, Captain Clark, Prof. Charles Dole, Hon. Kittredge Haskins, President Brown, James Evans.

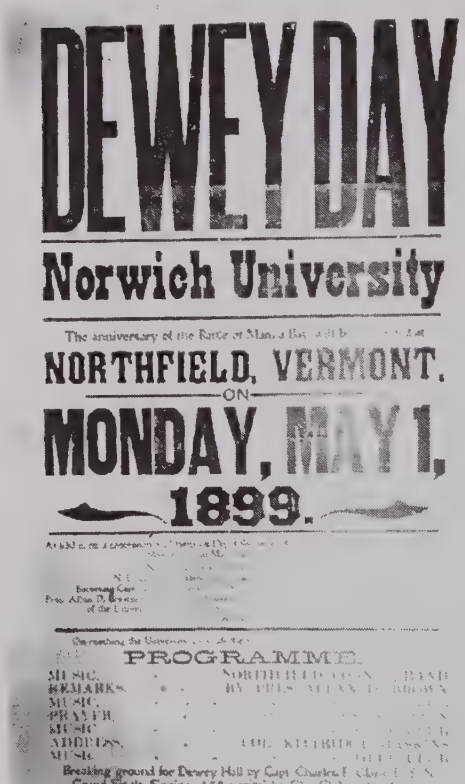
A large platform was erected just south of Dodge Hall, and near the spot where Dewey Hall was to be erected. On the platform was seated Captain Clark, President Brown, Congressman Haskins, many distinguished citizens of Vermont, trustees and faculty of "N U." President Brown gave an eloquent address of welcome to the distinguished guests and explained the Hall project. He then called upon Captain Clark, who responded in an able address, in which he gave a full account of the historic battle. Congressman Haskins gave an eloquent address on the achievement of Admiral Dewey. After his address, the ceremony of turning the first sod, by Captain Clark, took place. A reception was then given to Captain Clark and the other guests, in Dodge Hall. Music was furnished by the Northfield Band, and the 'N U" Glee Club.

In anticipation of the erection of Dewey Hall, the ground south of the University buildings was graded in July, 1899. During the process of the work, two granite boulders were found, about sixteen feet below the surface of the ground, near where the northwest corner of the building was to stand, one was irregular in form, and the other, 2x3x4 feet, was regular in shape, three of its surfaces being very smooth. These boulders were different in texture from the granite of this section of the state and were deposited on the hill in an early geological era. The stone, regular in shape, was used as the corner stone. Mr. Bradford L. Gilbert, a prominent architect of New York and a son of Horatio G. Gilbert, '38, made and donated to the University plans for an elegant hall.

A firm of solicitors of New York were secured to raise funds for the Hall, but, meeting with very little success, they were soon relieved. During 1900 several agents were sent out by the University to procure money. In 1901 it became evident that the ornate building planned by Mr. Gilbert could not be erected, and at a meeting of the board of trustees, June 26, 1901, the Dewey Hall Collection and Investment committee was instructed to procure and submit plans for the building. In July, 1901, A. W. Lane & Sons, of Barre, submitted plans, which were accepted, and the superintendence of the construction of the building was given to that company. The work on the foundations of the building was begun in July.

On October 13, 1899, the corner stone was laid with imposing ceremonies. It was the greatest celebration ever held in Northfield. The business houses and residences were elaborately

decorated. Over Central Street, near the depot, a large arch was erected bearing the inscription "*Welcome Dewey.*" On the same street near the University grounds was another arch. On the north side was the inscription "*Cadet George Dewey, 1854,*" and on the side facing the University grounds, "*Admiral George Dewey, 1899.*" In addition to these inscriptions were the names of several cadets, who had achieved distinction in the army and in civil life. The University buildings were tastefully decorated. On the front of Jackman Hall, was a large portrait of Admiral Dewey and a tablet bearing the words, "*Alma Mater Greets her Illustrious Son.*"



DEWEY DAY

Norwich University

NORTHFIELD, VERMONT.

ON

MONDAY, MAY 1,

1899.

PROGRAMME.

Per Order of the Committee.

A large platform was built over the excavation for Dewey Hall and was occupied by the Admiral and the invited guests during the ceremonies. The stone itself was suspended over its resting place by a large tripod and a chain hoist. A part of this resting place was made by a stone from the old University building at Norwich. On the front face of this stone were cut the letters, "A. L. S. & M. A." The corner stone bore the date "1899."

Admiral Dewey's train arrived at Northfield at about 3 A. M. bringing the Admiral, his son, Flag-Lieutenant Brumby and Dr. W. Seward Webb and family. At about the same time Senator Depew's train arrived and was sidetracked near that of Admiral D[illegible]

Depot Square, Dewey Celebration.

at the Admiral's car. Among the first visitors were his old "N U" associate Col Henry O. Kent, '54, Senator Depew, Rear-Admiral Belknap and President Brown and aide At about 9 o'clock a train arrived bearing Governor Smith and staff together with many other notable visitors

By this time a crowd began to gather around the Admiral's car and the cadet guard which had been posted proved very useful The next train to arrive bore the 1st Regiment Vermont National Guard At a little before 10 o clock a special train arrived from the north bearing a large number of visitors, while the regular train from the south was also well loaded

At 10 o'clock the 1st Regiment Vermont National Guard and the corps of cadets formed about Depot square, the three battalions of the regiment occupying the north, east and south sides, and the cadets the west side The Admiral and his party then appeared and took their places in the carriages which were in readiness for them The first carriage was occupied by Admiral Dewey, Governor Smith President Brown and Lieutenant Brumby, the next held Senator Depew, Rear-Admiral Belknap, Bishop Hall and Senator Proctor, while the third was occupied by Senator Ross Ex-Governor Dillingham, and Dr W Seward Webb.

The carriages, escorted by the corps of cadets, passed around the square which was lined with soldiers all at a "present," after which they fell in rear The parade passed up Central Street to the University and halted near the platform over the site of Dewey Hall Here the carriages were dismissed and the cadets were drawn up in line in front of the stand while the 1st Regiment formed in line masses in their rear President Brown then led Admiral Dewey on to the platform The Admiral's face was radiant and his eyes shone with delight He was followed by Governor Smith, Bishop Hall of Burlington, Senator Depew of New York Rear-Admiral George E Belknap, Ex-Governor W. P Dillingham of Waterbury and Dr W Seward Webb The party took seats near the front of the stand and within twenty feet of the corner stone

The Admiral and party were in turn followed by Ex-Governor C S Page, Col Frank L Greene, chief of the governor s staff, Gen J G McCullough, Gen W H Gilmore, Col. Farrand S Stranahan, Senator Jonathan Ross, Col. C S Forbes, Representatives H. H. Powers and W W. Grout and many other prominent Vermon

Noticeable on the stand were the many alumni, including N. L. Sheldon, '84, president of the Norwich Alumni Association of Boston; Hon. Henry O. Kent, '54, of Lancaster, N. H.; Col. Charles H. Long, '55, of Claremont, N. H.; and Dr. S. H. McCollester, '53.

President Brown made the following introductory address:

"Not quite six months ago, we assembled here under the lead of that gallant Vermonter, Captain Charles E. Clark, of the *Oregon*, and turned the first sod for the erection of Dewey Hall; today we have come, not only to

Admiral Dewey Presented to the People.

welcome to his native soil the greatest living Vermonter, the greatest living American; not only to welcome to the halls of his *Alma Mater* the old cadet who comes crowned with years and honors, but to lay the corner stone of a building which shall bear his name, and shall be an inspiration to generations of cadets who are yet to come. And inasmuch as it is very meet, right and our bounden duty that we should at all times and in all places acknowledge our dependence upon Almighty God, I ask all upon the stand to rise, and this whole assembly to uncover, while the chaplain of the day, the Right Rev. Dr. Hall, invokes the Divine blessing upon our undertaking."

Bishop Hall then repeated the 127th Psalm and offered prayer Colonel Kent was then introduced, and made an eloquent address, which was as follows

"It is an honor, greatly esteemed, to speak in this presence for our venerable University in welcoming her most famous son—he whom the nations applaud, who has accomplished grand results for the country and won deserved honor for his native state, his *Alma Mater* and Cadet George Dewey of the olden time—Admiral-in-Chief of the navies of the Union

"Vermont properly enjoys the distinction of his illustrious career but it may not be amiss that on this gala day of hers, our president assigns to a son of New Hampshire this gracious privilege of extending welcome New Hampshire was closely connected with the earlier history of Norwich University It was a gallant gentleman of that state, afterwards President of the United States and long a potential member of our board of trustees, who led the brigade of the chivalrous Ransom in Mexico

"It was Col James Miller of New Hampshire who, at Chippewa made the historic response to the doubting question of the commanding general, Colonel Miller, can you take that battery?' 'I'll try,' a promise that was redeemed in victory and has since been borne upon our escutcheon and seal We have passed the day of experiment We accomplish' Should the doubter or the skeptic ask Do we?' the response is ready We do' To you, our guest, the state has associations that for a generation have been a benediction and to some of us, your friends a cluster of gracious memories

"Many years ago we said farewell to the Old South Barracks, we meet under conditions marvelously changed, and with physical surroundings no less unwonted to you

> No more beside the river on beauteous Norwich Plain,
> Near sacred dust, 'mid early scenes,
> Might she repose again,
> But on the hills of Northfield robed in imperial green,
> Dowered with the love of honored sons,
> She sits, our peerless queen'

The hopes of a century approach fruition and we rejoice in the promise of an honored useful and prosperous future We welcome you among us In the name of two thousand gallant gentlemen living and dead soldiers and sailors who have followed the flag in honor by land and sea in every war of the Republic, and who have illustrated in science in commerce, the professions and arts, the wisdom of our study and discipline the chivalric honor that has ever been to her the breath of life—I welcome you to *Alma Mater*, her traditions, her memories, her glories and the enduring love of her sons

"It is not alone we, the diminishing guard of the olden time who remain, not alone the chivalric youth of today who greet you It is the greeting of stern Alden Partridge founder and builder, of the superb Ransom dead beneath his country's flag on foreign soil, the welcome of brave men, your associates and mine men gone to their reward who join us in their glad proclaim 'Well done, good and faithful servant, welcome home' Shall we not add a ne

"To the Navy and the Union, to its chiefst, best hero
Who went out from among us and fought his country's foe
He has won a crown of laurels, he has felt fame's breezes blow,
And has stood amid the battle's blast, for the Old South Barracks, O!'

"There is no chance Was it not the discipline of Norwich University, the Christian devotion of President Edward Bourns, the iron will of Professor Alonzo Jackman, your instructors as exemplified in their teaching, that bore ripe fruitage in the grand design evolved at Hong Kong and executed at Manila' Verily, he who returneth today beareth his sheaves with him Surely, in this presence we may indulge the fond belief that these faithful mentors, with others of the century who have joined the great majority, unite with those who remain in the resounding acclaim of rejoicing and proper pride that transends from ocean to ocean

' While we may not call the roll of all our heroes we may properly remember in this connection, the services of Rear-Admiral Boggs of Paulding and Carpenter cadets of the University, in Mediterranean and Asiatic waters, and the historic deed of gallant Captain Tatnall once a cadet of the University, and later Commodore in the Confederate States Navy, who, when he came to the rescue of British seamen from the murderous fire of the Chinese Forts on the Pei-ho river with the memorable words 'Blood is thicker than water' gave utterance to a sentiment that perhaps prompted, many years later, responsive British sympathy for American seamen in Manila Bay

"Time passes and the crowding thoughts and emotions of the hour, struggling for utterance must give place We here lay deep foundations of a stately structure that shall endure to testify for patriotism and sound education to recurring generations We bestow your name upon it and enrich it with the luster of your achievements

' When we who are here shall have accomplished the work given us to do, and when in aftertime, the story of Manila shall be sung a glorious epic, throughout a happy and contented Christian land Dewey Hall shall stand testifying to the continued usefulness of our beloved *Alma Mater* and the fraternal loyalty of her children It shall endure a witness to her love for the illustrious son who, on the day of trial, remembered the legend of her proud escutcheon and trying did service to his country, winning fame for her and for himself May all good things encompass and go with you the love of the sons of Norwich University goes out to meet and accompany you, and under all are the Everlasting Arms'"

President Brown then introduced the Hon. Chauncey M Depew, U S Senator from New York, the orator of the day. His address in part was as fellows

' The greetings and applause which accompanied Admiral Dewey around the world, the welcome triumphal processions of his grateful countrymen, the imposing ceremonies at the National Capital and the Capital of his native state have their fitting close at the University where the foundations of his fame were laid

"He returns from his victories to his *Alma Mater* and lays his laurels upon her shrine Here precept and example teaching and tradition made the

[illegible] lays, to the

Hon. Chauncey M. Depew, Delivering his Oration.

University, is always an interesting incident in his life, but when he comes back crowned with glory and honor to acknowledge his debt, the old college has fresh inspiration for her sons.

'Forty-five years ago a young man graduated from here and entered the Naval Academy at Annapolis. At this institution he had found the bent of his mind and decided upon his career. The allurements of commerce and fortune did not tempt him. The pathways of the professions and industrial preferment which attracted most of the youths of America had no charms for young Dewey. To win his way in the service of his country was his ambition. The period of his active life is the most wonderful half century in the history of the world. It is the era of invention, of discovery, of the utilization of the forces of nature to the service of mankind. The rapid evolution and development of the arts and industries have piled up gigantic fortunes for the able, far sighted and adventurous. The contention and competition for great wealth have absorbed the best talent and the vital energies of the people. The hot race for money has drawn the strongest from every walk in life. To get rich has seemed to foreign and domestic observers the sole teachings of our schools, and its rewards of luxury and power the most satisfactory attainments.

'After nearly fifty years, George Dewey is again upon the old campus and treading these venerable halls, possessed of little more of accumulated wealth than when he left. His gift to his college far surpasses the value of endowments and buildings. It is the example for all time of the Norwich student, who, without influence or assistance by his steadfastness, pluck and genius, became the hero of the American Navy and the conqueror of a new world for his country."

Senator Depew then gave a full account of the achievements of the "Hero of Manila Bay." He said:

'There is no parallel in history of this triumphal march. Not yet its culmination and its lesson. not yet. That is reserved for his *Alma Mater*. I saw Grant, from Appomattox, and Sherman from the March to the Sea, at West Point. There was an affectionate significance in the welcome and approval of the old Academy which no pageant could give. The splendors of the decorations, the brave array of saluting soldiers and sailors have passed, the echoes of the guns and strains of martial music have died away. With associations and surroundings of this seat of learning the faculty and students receive their fellow student and honored alumnus. The building which will rise upon the corner stone now laid by Admiral Dewey will remain for unnumbered generations as a monument to the advantages of a liberal education and the possibilities of American Citizenship.'

President Brown then introduced Admiral Dewey.

When the Admiral stepped forward to the stone, he was cheered and applauded until it became almost embarrassing for him. When the wave of enthusiasm had subsided and the stone had been lowered under his direction by four masons, he stepped forward and said in a voice audible to all:

"I [illegible] the stone carefully and truly laid

A Distinguished Group of Men Listening to Mr. Depew.

The Corps of Cadets at the Dewey Celebration.

As he said this, he struck the stone with a mason's small hammer and the ceremony, brief, but impressive was over The next moment the band was playing "America," and the Admiral, standing with his right hand at salute, remained in this attitude until the music ceased

All the guests and the spectators were uncovered and it was the most striking picture of the day and the climax of the celebration The parade was then formed and marched back to the depot by way of Main street The many guests then boarded their trains and were soon borne away, the Admiral and party going to Boston

The construction of Dewey Hall was in charge of the following building committee President A D Brown Hon Frank Plumley, Prof Charles Dole and Dr W B. Mayo and the building, while not as ornate as the one first planned, is fully as practical and more in keeping with the other buildings on the Hill It was completed just in time for the Baccalaureate sermon, Sunday, June 22, 1902 The first social event held in the hall was the hop given by the senior class, November 7 1902

The Hall is 46x84 feet with projections from the south end, 12x20 feet, and is built of brick, two stories high, with a basement and attic It is beautifully finished in native woods Until 1908, the first floor was used for the offices of the president, commandant, assistant treasurer and stenographer, and for reading room library and museum The library and museum were each about 23x48 feet The second floor contained the faculty or trustee's room, the U S Weather Bureau, and the assembly room or Chapel The assembly room is one of the finest in the state and has a seating capacity of about four hundred on the main floor and one hundred in the gallery In the front of the attic is a large drafting room

In 1908, the library and a part of the museum were moved to the Carnegie Library building The old library room and reading room was then occupied by the Military department as an adjutant's office and recitation room The old museum room was used as a faculty room and the physical director's office In June, 1910, the U S Weather Bureau was moved into the new Weather Bureau building and the two rooms vacated were then occupied as the president's office and the faculty room

THE CADETS AT THE DEWEY RECEPTION IN MONTPELIER

The cadets took an important part in the reception given Admiral Dewey in Montpelier, October 13, 1899

In planning the reception for Admiral Dewey at Montpelier, it was decided by the state executive committee to have the Norwich cadets act as escort The invitation was extended and accepted and the work of preparation begun Every one in the corps seemed to appreciate the honor and every one, from the commandant of cadets to the newest freshman did his best in the preliminary work which was necessary in order to make the corps into a well drilled body of men. The work was harder than it might otherwise have been on account of so large a part of the corps being new men who knew nothing of military matters previous to entering the University. How well these men tried to become good soldiers is known by the fact that only six extra drills were necessary before they were in readiness for the parade

On the morning of the 13th of October, the corps took a special train for Montpelier and were landed at the "Dewey terminal," about half a mile from the state house Here they formed as one company and were marched to the state arsenal where dinner was served by Co. F, V N G After dinner the company was marched back to the west end of State street where the Admiral was waiting at the Jewett residence for the parade to start.

Soon the carriage came for the Admiral and as he descended the steps Captain John P Mosely brought the company to a "Present," and saluted while "The General' was sounded by the trumpeters. The Admiral returned the salute and took his place in the carriage The company was then divided into two platoons, the first took its place in front, and the second in the rear of the carriage

The various organizations, which constituted the parade were in line along State street and fell in rear as the carriage and escort passed The parade was made up in the following order: Platoon of Police Chief Marshal and Staff, Norwich University Corps of Cadets, Admiral Dewey accompanied by Governor Smith and Mayor Senter, the first regiment V. N. G., Veterans of the Civil and Spanish Wars, Uniformed Secret orders, University of Verm[illegible] Montpelier H[illegible]

The line of march extended for about two miles through the principal streets, on both sides of which were thousands of yards of gay bunting and crowds of cheering, applauding people, anxious to get a look at or from the Admiral

A large reviewing stand had been built over the state house steps and in front of this, a great multitude had assembled As the head of the columns approached the reviewing stand the space in front was partially cleared by the mounted aides and after a severe struggle a space was cleared wide enough to allow the cadets to march in front of the stand when the order "Fours Right" was given and the line dressed back against the crowd which by this time filled the entire space between the state house and the street. The company was dressed backward against the throng until there was a space sufficiently wide to permit the passage of the rest of the parade Soon Admiral Dewey appeared on the stand and the company was again brought to a "Present" and the salute was returned by the Admiral Then came an opportunity for the cadets to show the stuff of which they were made. The throng in the rear pressed forward against the rear ranks and crowded them against the front rank but not an inch of ground was yielded The pressure from the rear was terrific, and it seemed that a break in the line could not be avoided, but the line was maintained

At last the parade passed the reviewing stand and the company was marched to the east end of the state house and escorted the Admiral to his private car After stepping from his carriage he turned to the cadets and taking off his hat said with a pleasant smile "Good-bye, boys" and disappeared through the car door

After leaving the Admiral, the company withdrew to a grassy square near by for a short rest. When this was over the company was marched back to the "Dewey terminal," where the arms were stacked and a guard posted over them The cadets were then dismissed to be re-assembled at nine o clock to take the train for Northfield, where they arrived at a little after ten o'clock

On May 13, 1899, the old Governor Paine block burned The *ΑΣΦ* Fraternity had its rooms in the building and suffered the loss of most of its furniture and its valuable library. In 1899 the University again opened the mess hall, which was conducted by Professor Dole at his house at the Center until 1903, when it was discontinued and the cadets allowed to board at their Fra-

[illegible] began

the custom of giving a sword to the junior who held the highest rank in the military work for three years

Mr Chauncey Denny, a trustee and a warm friend of the University, died on January 16, 1899, willing the money to establish a scholarship. His was the first permanent scholarship given the University For several years various friends of the Institution had from time to time given money to pay the tuition of the needy students In 1899, the class of that year established a scholarship and the good work was continued by the classes of 1900, 1901, 1902 and 1903 In 1902, Miss Susan G Perkins of Concord, N H gave a fund of three thousand dollars to establish scholarships in the memory of her father, Judge Hamilton E Perkins, of the class of 1824 In 1903 the Col Jesse Augustus Gove scholarship was founded by Mrs Gove and her daughter, Mrs James M Killeen, of Concord, N H In 1904, General Dodge founded the "Dodge Loan Fund" for giving assistance to needy students Through this fund a number of cadets have been enabled to complete their courses In 1910, the Capt James Edward Amsworth scholarship was founded by Mrs Amsworth for students from Williamstown Vt

In 1899, the erection of the Drill Hall was begun, but owing to various delays was not completed until February, 1901 It was formally opened on February 15, by a ball given by the class of 1902 Music was furnished by Wilder's Orchestral club of Montpelier

On November 13, 1900, the state further recognized the University by making it the State Military college and authorizing the commissioning of the faculty On November 16 1900, the legislature passed an act enabling the trustees to hold their meetings on any date desired during commencement week

On May 1, 1901, the custom of celebrating the anniversary of the Battle of Manila Bay was begun by President Brown The following general order was published April 30th

"Tomorrow, Wednesday, May 1st, being the anniversary of the glorious action in Manila bay, wherein Commodore George Dewey, U S N, a former cadet of Norwich University of the class of 1855 won undying fame for himself and his country's arms and shed an added lustre upon the proud record of "Old N U," the usual admiral's salute of seventeen guns will be fired at noon and academic exercises will be suspended after chapel"

That the compliment was appreciated is shown by the following letter from Admiral Dewey to President Brown

Office of the Admiral,
1747 Rhode Island Ave.
WASHINGTON, D. C. May 1, 1901

MY DEAR BROWN

I have your letter of the twenty ninth ultimo, and am much pleased to hear of your order for the keeping of the anniversary of the Battle of Manila at Norwich University. Please accept my best thanks for the mark of courtesy.

With sincere regards I am,
Very truly yours,
GEORGE DEWEY

Commander A. D. Brown, U. S. N.
President Norwich University, Northfield, Vt.

In September, 1901 the department of Field Engineering was established.

In July, 1902, Mr. W. A. Ellis of the class of 1897, was secured as librarian and field agent. The attendance had become reduced, and in order to retain the U. S. Army detail it was necessary to increase the corps of cadets. The attendance was gradually increased from 73 in 1901–02 to 183 in 1908–09.

Owing to failing health, President Brown resigned June 25, 1903 but on the urgent request of the trustees, he consented to act as president until 1904, or until the trustees could procure the services of a new president. During the year 1903–04, several improvements were made on the University buildings. The most important was the installing of modern heating plants in Dodge and Jackman Halls.

In January, 1904, President Brown was relieved of his duties as president and Prof. C. C. Brill, dean of the faculty, was appointed executive officer and held the position until President Spooner assumed office in 1905. President Brown's health rapidly failed and he died in Waynesville, N. C., April 3, 1904. President Brown proved an able head of the Institution and did much to advance the interests of the University.

ALUMNI HALL.

Owing to the rapidly increasing attendance it became necessary to have a new barracks. In the winter of 1903–'04, the matter was discussed by the trustees and a committee appointed to take charge of the matter. Professor Brill was appointed chairman of the committee and took the immediate charge of the work, assisted by the librarian. Mr. William Petit, a prominent architect and engineer for Cross, Brothers Co., of Northfield,

assisted by Elroy A Chase, '03, made a set of elegant plans and specifications for the committee The matter was presented to General Dodge, '51, who called a special meeting of the representative alumni of New York at his office at 2 P M April 14 At this meeting the necessity of the building was presented by Professor Bull and the librarian After some discussion Mr Edward D Adams, '64, offered $10 000 toward the project and General Dodge offered the same amount Through the generosity of these alumni the success of the undertaking was assured The matter was presented at the annual meeting of the New York Association that evening at the Everett House. It received hearty support from the members of the Association, several liberally subscribing The following committee was appointed to carry out the work W P Clement, '72, Prof C. C Bull, George D Thomas, '76, Edward D Adams, '64, E W Clark '92 and H C Cady, '91 General Dodge was appointed treasurer of the fund, and W N Jones, secretary of the committee

On April 25, a circular letter signed by Gen G M Dodge, '51, president of the New York Alumni Association Dr J Q A McCollister, '53, president of the Boston Association and George D Thomas '76, president of the General Alumni Association was sent to the alumni appealing for aid The building was to be known as Alumni Hall, erected in memory of Capt Alden Partridge, U S A Subscriptions were called for, either in a lump sum, or a stated amount for the period of five years

The librarian of the college solicited funds from the alumni in New York and vicinity until his time was demanded for work in the field, securing students He was relieved by Mr M D Smith '81 who made a thorough canvass of the alumni and past cadets in the various sections of the country The alumni loyally responded with assistance After some discussion the Petit plans were discarded and President Spooner had a new set of plans and specifications made by Mr Frank A Walker of Montpelier which were adopted

The ground was broken for the building in May, 1905, with appropriate ceremonies Prayer was offered by Rev William S Hazen, and brief addresses were made by Prof C C Bull and Maj H W Hovey The first sod was turned by Dr Hazen, followed by the faculty, alumni committee, and members of the corps, each turning a shovel full of earth

The ceremony of laying the corner stone followed the graduating exe[illegible] 1905 [illegible] was offered by Rev

Walter Dole, '70, the University chaplain. President Spooner then placed a tin box containing the records of the day, an account of the building, and several historical papers into a recess to be covered by the stone. The corner stone was then swung into place. Capt. H. V. Partridge, son of Capt. Alden Partridge, in whose honor the building was to be erected, gave a brief address on his father's work and the history of the University. Governor C. J. Bell then followed with a brief address on the work of the University. The exercises were concluded by a benediction by Chaplain Dole.

At the graduating exercises of June 20, 1906, Professor Brill, as chairman of the building committee, presented the building to the alumni. Mr. Robert H. Ford, '92, president of the General Alumni Association, responded with a brief speech of acceptance. He then presented Alumni Hall to the University trustees. Col. H. O. Kent, '54, the senior member of the board, accepted the building in an eloquent address.

The work was completed in the summer of 1906, and the building occupied that fall. The building is 163 feet, 9 inches long, by 58 feet, 10 inches wide, is three stories high in front and four stories in the rear. It is constructed of brick with cappings and window and door sills of reinforced concrete. The basement walls are of massive granite construction. Each floor contains 21 rooms, accommodating two men each, and three rooms for officers and an office.

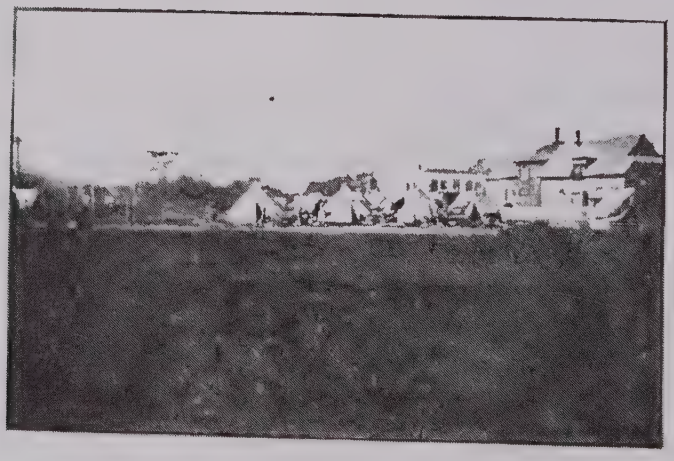
On May 20, 1904, the Vermont Alumni Association was organized in Montpelier. Owing to the increased attendance some provision had to be made for the accommodation of the cadets, and on August 1, 1904 the University purchased of Professor Brill the old hotel property at the Center. The building was remodeled into a barracks and designated as Barracks No. 2, and was used until the opening of Alumni Hall.

On June 22, 1904, Prof. Charles Horace Spooner, A. M., of the class of 1878, was elected president. Professor Spooner had seen much service as an instructor of Mathematics at the Manual Training school, connected with the Washington University of St. Louis, Mo. He assumed the duties of his office in August.

On December 9, 1904, the state legislature again recognized the service of the University by giving a further appropriation of $5,000 a year. This amount is expended as follows: $1,000 for engineering equipment and $4,000 toward the salary of the professor of the Engineering department. On the same date

the Charter was amended, allowing the University to hold more land and to have a greater endowment than $100,000. The University now receives a total amount of $11,000 from the state each year, exclusive of the militia pay which averages a little over $5,000 a year.

In Camp at Barre, 1907



Mr. Andrew Carnegie.

CARNEGIE HALL

At the annual meeting of the New York Alumni Association March 30, 1905, the Alumni and friends of the University were treated to a genuine surprise, when General Dodge, president of the association, announced the gift of $50,000 from Mr Andrew Carnegie, $25 000 for the library and $25,000 for the founding of an Electrical Engineering department The letter to General Dodge confirming the gift was as follows

New York March 18th 1905

My dear General

Confirming our conversation of yesterday, I take pleasure in stating that I will give fifty thousand dollars for the needed library building, including Electrical department for Norwich University

I was happy thinking I could require the Institution to call this the 'Dodge Building' Too bad that you have anticipated me, and I suppose it must bear my name However, I am glad to follow where you lead

Always very truly yours,

ANDREW CARNEGIE

General Grenville M Dodge,

No 1 Broadway, New York

Three rousing cheers were given Mr Carnegie, and the college yell in its full force was added On motion of General O O. Howard the following resolutions were adopted by a standing vote

"*Resolved* That the Norwich University Alumni Association of New York tender their heartfelt thanks to Mr Andrew Carnegie for his generous donation of Fifty Thousand Dollars for a Library Building including the equipment of an Electrical department, to Norwich University of Vermont This donation comes at an important crisis in the affairs of the University, and enables it to carry out long contemplated plans for its future success and growth

"*Resolved* That a copy of the Resolutions be forwarded to Mr Carnegie by the Secretary of this Association and to the Board of Trustees of Norwich University"

A building committee consisting of President Spooner, Hon Frank Plumley, Dr William B Mayo, W A Shaw, '88, and Librarian Ellis, was appointed by the trustees to have charge of the construction of the building The plans of the building were made by Kelby, Petit & Green, the well known architects of New York and under direction of President Spooner, were revised by F A Walker of Montpelier The contract was given to Mr W. F [illegible] M [illegible] [illegible] Spooner [illegible]

to various delays the construction work was not begun until 1907. The building, though not fully completed, was occupied in the fall of 1908. The building is 60x65 feet, is two stories in height in front and four stories in the rear. It is constructed of reinforced concrete, the two upper floors being veneered by brick. The two lower floors are used by the Electrical Engineering department and the two upper floors by the library. The library is especially well designed and contains ample reading rooms, work rooms, and a large stack room, which will shelve fully 100,000 volumes.

Carnegie Library.

In the summer of 1905, a modern heating and power plant was installed. This was a most important improvement. The several buildings are now heated by the plant, which is equipped with two 150 horse-power boilers. The plant was planned with the idea of furnishing power for the Engineering department and for lighting the buildings.

On November 15, 1906, the charter was amended allowing the trustees to make an important change in the election of the members of the board. By this provision the trustees are divided into five groups of five each, and elected for a period of five years.

At the annual meeting of the Boston Alumni Association, February 21, 1907, it was voted to request the trustees to name the Old Barracks, Jackman Hall, in memory of Gen. Alonzo Jackman '38. This request was granted by the trustees.

The work of grading the top of the Hill was commenced in October, 1907, and was completed in the summer of 1909. This work has greatly added to the appearance of the Hill, making a plaza between the buildings 1,000 feet long and 185 feet wide.

In the fall of 1907, the Electrical Engineering course was begun with Prof. Frank E. Austin, C. E., a graduate of the Thayer School of Engineering, as professor in charge. In the fall of 1907, through the assistance of General Dodge, '51, and Edward D. Adams, '64, the water supply system was enlarged, a new reservoir being constructed and larger pipes laid from the reservoir to the University grounds. This was one of the most important

U. S. Weather Bureau Building.

improvements made during the year, as it assured a continuous supply of water and gave more protection in case of fire.

For several years the matter of having a Weather Bureau building was agitated by the University trustees. On March 30, 1907, the land, where the Weather Bureau building now stands, was bought of Dr. W. B. Mayo, Hon. Frank Plumley and George Richmond, in anticipation of the erection of the building. During 1907-08 land adjoining this property was bought of Mrs. M. E. Baine and the *ΔΣΠ* Fraternity. In the spring of 1908 the Government further recognized the University by appropriating the money for the Weather Bureau building. In September, 1908, the site was selected by the department, and in December, the University [illegible]

work, under charge of Mr. W. A. Shaw, '88, local forecaster, was begun in July, 1909, and the building was completed on March 1 1910. The plans of the building were drawn by the Weather Bureau architect in Washington, D C, and the building was constructed by Mr. T. B Robinson, contractor, of Burlington, Vt. This is one of the most beautiful buildings on the Hill and its construction has added much to the appearance of the grounds

In 1908–'09 many improvements were made Jackman Hall was thoroughly repaired, the old Drill Hall was fitted up as a base ball cage, and a system of alarm bells was installed in the various buildings In 1908, the grounds were connected with the village water works thus giving ample fire proctection. In 1909, the Inter-Communication Telephone System was installed, greatly facilitating the work. In 1909, Mrs. James E Ainsworth gave a liberal donation which is known as the James E. Ainsworth Fund In 1910 the basement of Alumni Hall was concreted and the ventilating system of the building completed by funds donated by the alumni.

FACULTY

The faculty in 1884–85, consisted of Col Charles H Lewis, president, Col Francis V Randall, vice-president, Charles Dole, A M, secretary of the faculty and professor of Rhetoric, History, and Political Science, William M Rumbaugh, C. E, professor of Military Science, Drawing and Topographical Engineering; John B Johnson, A M, professor of Mathematics and Astronomy, Louis Habel, A. M, Ph D, professor of Chemistry, Metallurgy, Physics, Modern Languages and the Natural Sciences, Asa Howe, A. M, C E, professor of Engineering Field Work, Rev Isaac P. Booth, A M, professor of Latin and Greek Philander D. Bradford, A. M, M D, professor of Anatomy and Physiology, Hiram A. Cutting, A M, Ph D, lecturer on Natural Sciences and Geology, Clarence L Hathaway, A M, M. D, lecturer on Hygiene, George N Carpenter, lecturer on Commercial Ethics.

In the summer of 1886, Professors Dole, Rumbaugh, Booth and Lecturer Cutting resigned, and on September 8, 1886, Professor Habel died. The loss of these members of the faculty was a severe blow to the University. Prof C C Brill succeeded Professor Habel as professor of Chemistry, Physics and Natural Sciences Prof John C Wait, C E, succeeded Professor Rumbaugh as professor of Military Science, Civil Engineering and Architecture Myron L. Chandler, A. B, of the class of 1886, was

appointed professor of English and Classics and resident in Barracks Professor Howe was made professor of Engineering and Field Work. Sergeant Henry J Cox, A B U S Signal Officer, was appointed lecturer and instructor in Meteorology and Military Signalling.

In 1887–88, Lieut Edward H. Catlin, 1st Lieut, 2d U S Artillery was detailed as commandant and professor of Military Science and Tactics Instructor Cox was made professor of Latin and Greek, serving until his resignation in May, 1888. Professor Johnson was given the French classes in addition to his other work, serving until 1891. Lyle F Bellinger, C E., a graduate of Cornell University, was elected professor of Civil Engineering and Architecture, succeeding Professor Wait, Cadet Luther B Johnson served as instructor of English during this year; Hon Frank Plumley, LL B, was appointed lecturer on Constitutional and Commercial Law and Social Ethics, Cadet Amin R Shaw, served as an assistant in the Chemical laboratory and as assistant U. S Signal Service observer during 1887–89

In 1888, Professor Cox was succeeded by Mr William Line as U S Signal Service observer, and was appointed instructor of Meteorology and Military Signalling

In 1889, Charles H Cheney, C E, of the class of 1886, succeeded Professor Bellinger as professor of Civil Engineering and Architecture, Robert L. Irish, B S, of the class of 1889, was appointed professor of English and History. Cadet Homer J. Dane served as assistant in the chemical laboratory and Cadet Alfred F Booth as instructor in drawing

In 1890, Jesse McI Carter 2d Lieut, 3d U S Cavalry, succeeded Lieutenant Catlin as commandant and professor of Military Science and Tactics George F Cole, Ph B, was elected professor of the Modern Languages and English and Jesse B Mowry, B S, professor of History and Political Economy Cadet Hiram N. Mattison served as an assistant in the chemical laboratory and Cadet Leroy C Hulburd as instructor in drawing

In 1891, Lieut Frederick C. Kimball, of the 5th U S Infantry, succeeded Lieutenant Carter as commandant and professor of Military Science and Tactics, Professor Johnson was made professor of Civil Engineering, Cadet Mattison continued as assistant in the laboratory until 1892 and Cadet Hulburd as instructor in drawing until 1893.

In 1892, Prof Edson L Whitney, Ph D, LL B, a graduate of Harv

was elected professor of History and the Modern Languages; Herbert R Roberts, A B, a graduate of Boston University, was elected professor of Latin, Greek and English, Cadet W. G Huntley served as assistant in the chemical laboratory during, 1892–94, and Cadet H B Wason as instructor in Drawing until 1894. Owing to advancing years Dr. P. D Bradford, resigned as professor of Anatomy and Physiology. Hon. George N. Carpenter also resigned as lecturer on Commercial Ethics

In 1893, Professor Whitney resigned and was succeeded by Prof. George A Arnold, A M, a graduate of Tufts College Henry C Keene, 1st Lieut 24th U. S Infantry, succeeded Lieutenant Kimball as commandant and professor of Military Science and Tactics

In 1894, Professor Arnold resigned and was succeeded by Charles H Savage, A B, a graduate of Bowdoin College. Prof. Asa Howe, after several years of faithful service as professor of Civil Engineering and Field Work, died on September 29, 1894. Mr DeWitt C Webb, '92, was appointed instructor of Mathematics, serving until January 1895 Professor Roberts was given the French classes in addition to his other work. Cadets Fred C. Davis, and C S Carleton served as instructors in Drawing, Cadets Philo R Hoefler and Charles E. Walker served as assistants in the Chemical laboratory. In the spring of 1895, Instructor Line was taken ill and died on March 28 He was succeeded as U S Weather Bureau observer by John H Clary, who was appointed instructor in Meteorology and Military Signalling

In 1895, Professor Savage resigned and was succeeded by Mr Frank A Balch, A B, a graduate of Dartmouth College Lieut H. C Keene, U S A, was succeeded by Henry W Hovey, 1st Lieut 24th U S Infantry, as commandant and professor of Military Science and Tactics This year an Electrical Engineering course was begun with Mr Edson M Stevens, B. S, a graduate of the University of Vermont, in charge. Gen. O O Howard, U S. A, the distinguished soldier, was appointed lecturer on Military History, Philo R Hoefler, B S., was appointed instructor in Analytical Chemistry, Mr W A Shaw, '88, B. S., succeeded Mr John H Clary as U S Weather observer and instructor in Meteorology. Cadet P A Dinsmoor served as assistant in the chemical laboratory during 1896–98. In December, 1896, President Brown joined the faculty and during his term of service had charge of some of the class work in Ethics, Moral and Intellectual Philosophy and other subjects.

In 1897 Professor Stevens resigned and the Electrical Engineering course was discontinued until 1907. E. A. Shaw, A. M, C. E, a graduate of the class of 1891, was appointed instructor of Mathemetics. In the spring of 1898, Captain Hovey was ordered to Burlington to assist in mustering the Vermont Volunteers for the Spanish-American War, and Cadet Captain A E Winslow acted as commandant during the remainder of the academic year

In 1898, Instructor Shaw, was elected professor of Physics and Drawing, and Capt Charles H Stockton, U S N, was appointed lecturer on International Law During the absence of Captain Hovey this year, Cadet Captain John P Moseley served as acting commandant. President Brown was ordered by the U. S. Navy Department to duty at the Boston Navy Yard, as equipment officer, in the summer of 1898, serving in this capacity until the close of the Spanish-American War. During his absence Prof C C Brill acted as executive officer.

Cadet Captain John P. Moseley served as commandant during September–December, 1899, and March–May, 1900. In December Captain Hovey returned to his duties serving until March, 1900, when he was ordered to his regiment Charles H. Cabannis, 1st Lieut U S A, (retired) succeeded Captain Hovey as commandant, remaining until after commencement, when he resigned his office

In 1900, several changes were made in the faculty. Prof John B Johnson resigned after many years of faithful and efficient service, much to the regret of the trustees and alumni Prof Frank A Balch, another efficient professor, also resigned Capt C. S Carelton, C. E, of the class of 1896, was appointed commandant and professor of Military Science and Tactics, and Field Engineering. Arthur E Winslow, C E, of the class of 1898, was appointed assistant professor of Mathematics and Civil Engineering. Carl V Woodbury, A B, a graduate of Bowdoin College was elected assistant professor of History and Modern Languages, Cadet William E Robertson served as instructor in Chemistry until 1901 and Cadet Harry G Clark as instructor in drawing until 1901 During 1901–'02, Cadet Henry A. Chase, served as assistant in Chemistry and Cadet Frank H Burr, as assistant in Drawing

In 1902, Capt. H. W Hovey, U S A, returned to the University as commandant and professor of Military Science and Tactics, [illegible] his office

Assistant Professors Winslow and Woodbury were advanced to the full professorships in their subjects. Henry A. Chase, B. S., of the class of 1902, was appointed instructor in Chemistry.

In 1903, Capt. Charles H. Stockton, U. S. N., resigned as lecturer on International Law and Judge Frank Plumley was elected in his place. E. W. Gibson, A. M., of the class of 1894, succeeded Judge Plumley as lecturer on Constitutional and Commercial Law. Professor Shaw became the professor of Mathematics, and Professor Woodbury was given the professor-

View of Northfield from King Street.

ship of Physics and German. Cadet Edwin D. Huntley served as assistant in Drawing during 1904–06.

In 1905, Professor Adrian Scott, A. M., Ph. D., a former cadet, class of 1871, and a graudate of Brown University and a former associate professor of the Germanic Languages at that Institution, was elected professor of Political and Social Science and instructor in Greek. Professor Scott died of apoplexy on December 11, 1905. He was one of the ablest scholars in New England and his death was a severe blow to the University. Clarence L. Jordan, A. B., a graduate of Bates College, was elected assistant professor of English and Economics and instructor in Spanish. Mr. W. A. Shaw, '88, the U. S. Weather Bureau forecaster, was advanced to the professorship of Meteorology. Mr. [illegible] instructor in Chemistry.

In 1906, Professor Brill resigned his professorship much to the regret of the University officials and the alumni. Through his long term of service as professor and superintendent he had accomplished much not only for his own department, but also for advancement of the interests of the University. Major Hovey, another long and tried friend of the University, was in July, 1906, ordered to join his regiment. Professor Roberts succeeded Professor Brill as Dean of the faculty. Professor Woodbury succeeded Professor Brill as professor of Chemistry. Austin E. Spear, A. B., a graduate of Bowdoin College, was appointed assistant professor of German and Spanish.

In 1906, Leslie A. I. Chapman, 1st Lieut. 1st U. S. Cavalry, succeeded Major Hovey as commandant and professor of Military Science and Tactics. Professor Carleton was given a year's leave of absence to engage in engineering work on the Missouri Pacific Railroad. Mr. Frank E. Austin, B. S., was elected professor of Electrical Engineering and Frank N. Tinker, C. E., assistant professor of Civil Engineering. Mr. Kemp R. B. Flint, B. S., of the class of 1903, was appointed instructor in English and History and field agent.

In 1908, Professor Carleton returned to his position at the University, Professor Austin relieved Professor Woodbury as professor of Physics, Instructor Flint was advanced to an assistant professorship in his subjects; assistant Professors Jordan and Tinker resigned. Mr. Harlow A. Whitney, M. D., a graduate of the University of Vermont Medical School, was elected physical director and professor of Hygiene and Sanitation. Mr. Charles N. Barber, B. S., '08, was appointed instructor in Physics and Drawing, and Mr. Sylvester M. Parker, '08, was appointed assistant commandant and assistant instructor in Military Science.

In 1909, Professor Shaw was given a year's leave of absence to take a post graduate work at Dartmouth. Assistant Professor Flint was advanced to a professorship in his subjects. Capt. Charles N. Barber, was appointed assistant commandant. Theodore Bodde, E. E., a graduate of College Montefiore, Liege, Belgium, was appointed assistant professor of Physics and Drawing and Leon E. Dix, B. S., a graduate of Tufts College, assistant professor of Mathematics. In this year the University lost the services of Gen. O. O. Howard, U. S. A., who died Oct. 26.

In 1910, Captain Chapman was succeeded by Captain Frank Tompkins of the 11th U. S. Cavalry, as professor of Military Science at

assistant commandant Maj Luther P. Bayley, "N U." '09, was appointed commandant Professor Shaw resumed his professorship at the University

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The total attendance from 1885 to 1911 was 937 Of this number 294 are graduates and 467 are non-graduates, 31 comprise the graduating class, and 145 are members of the three lower classes The graduating classes have increased from 3 in 1885 to 31 in 1911. The attendance from out of the state has gradually increased to 55 per cent of the student body in 1911.

The requirements for admission, as given in the catalogue of 1885–86, practically remained unchanged until 1904, with the exception of the Science and Literature course.

All candidates for admission to the college must be at least fifteen years of age, and must present satisfactory evidence of good moral character.

For the courses in Science and Civil Engineering, Chemistry and Physics, Science and Literature, candidates will be examined in the following studies

MATHEMATICS. Arithmetic, Algebra to quadratics, Geometry, four books of Davies Legendre, or its equivalent.

ENGLISH LANGUAGE Grammar, Composition with special attention to punctuation and use of capitals

GEOGRAPHY. Physical and Political Geography

HISTORY. History of the United States

PHYSICS OR CHEMISTRY Steel's Fourteen Weeks, or its equivalent.

FRENCH Grammar, translation of French at sight, the translation of English into French, or

GERMAN. Grammar, translation of German at sight, the translation of English into German

Or in place of a Modern Language, the candidate may offer

LATIN. Allen and Greenough's or Harkness' Latin Grammar and Latin Prose Composition, Caesar's Commentaries, books 1-3, or their equivalents.

COURSE IN ARTS

In addition to the examinations in Mathematics, English Language, Geography, History and Physics or Chemistry, laid down for the courses in Science, examinations for the course in Arts will be as follows

LATIN. Caesar's Commentaries, four books or Sallust's Catiline; Virgil's Aeneid, six books; Cicero, four orations

GREEK. Xenophon's Anabasis, four books, or one hundred pages Goodwin's Greek Reader, Homer's Iliad, two books

Graduates from approved high schools will be admitted without examination Candidates not fully prepared in all the requirements, will be conditioned for a limited time or placed in a preparatory class

Candidates for advanced standing will be examined in all the previous studies of the course, and if they come from another institution, will present certificates of honorable dismission.

In 1896, the Science and Literature course was greatly strengthened and the candidate for admission was required to pass the Latin requirements of the Arts course In 1902 the requirements were extended to include all of Plane Geometry.

In 1900, the age for entrance was fixed at sixteen years Beginning with 1904, an examination in Algebra through quadratics was required, and English or Ancient History was added. In 1905, the entrance requirements were further increased by examinations in the "College Entrance Requirements in English" In the same year a change was made in the Arts course, allowing candidates presenting both French and German, without Latin and Greek, to enter the Arts course, take these subjects from the beginning, and, upon finishing the four years' work prescribed, graduate in the A B. course

In the fall of 1909, Solid Geometry, French or German, were added to the requirements

In 1910, the entrance requirements were changed to admit by points instead of subjects For admission to any course fourteen points were required A point is a preparatory subject pursued one year with five recitation periods a week In each course a certain number of points are required, the remainder of the fourteen may be made up from the list of optional subjects In exceptional cases substitutions of equivalent work may be offered for optional subjects listed

In the course in Arts, twelve and one-half points are required, one and one-half points optional as follows, Algebra, 1 point, English, 3 points, Plane Geometry 1 point, Solid Geometry, one-half point, Greek, three points, Latin, four points

In the courses in Civil Engineering, Chemistry, and Electrical Engineering, eight and one-half points are required and five and one-half optional, as follows Algebra, one point, English, three points French two points, or German, two points, Plane Geometry, one point,

In the course in Science and Literature, twelve and one-half points are required, one and one-half points optional, as follows Algebra, one point, English, three points, French, two points or German, two points; Plane Geometry, one point Solid Geometry, one-half point, Latin, four points, Science, one point

The optional points for any course are as follows Algebra, Advanced, one-half point, Botany, one-half point, Chemistry, one point, French, one or two points, German, one or two points, American, English, Mediaeval, Modern, Greek, and Roman History, each one-half point, Latin two, three or four points, Physics, one point, Physiography, one-half point, Plane Trigonometry one-half point, Zoology, one-half point.

The following courses of study given in the catalogues of 1886–87, remained practically unchanged until 1895.

COURSES OF STUDY, 1886–87.

The courses in Civil Engineering, Architecture, Chemistry and Science and Literature were the same for the first year. The figures after each subject indicate the number of recitations per week or its equivalent

First Year. Fall term, Algebra, 5, French, German or Latin, 5, Inorganic Chemistry, 3; Rhetoric, 2, Free Hand Drawing, 5. Winter term Algebra, 3, Geometry, 2, French or German or Latin, 5, Inorganic Chemistry, 3, Rhetoric, 2; Perspective, 3; Lettering, 2 Spring term, Algebra, 2, Geometry, 3, French, German or Latin, 5, Inorganic Chemistry, 3, Rhetoric, 2, Geometrical Drafting, 3, Projection, 2

Civil Engineering

Second Year. Fall term, Algebra, 2, Geometry, 3, French or German, 3, Mechanics and Heat, 5, Descriptive Geometry, (text) 3, Descriptive Drafting, 2, Pen Topography, 2 Winter term, Trigonometry, 5, French or German, 3, Electricity and Magnetism, 5, Descriptive Geometry, 3, Descriptive Drafting, 2, Tinting and Shading, 2 Spring term, Analytical Geometry, 5, French or German, 3, Acoustics and Optics, 5, Shades and Shadows, (text) 2, Drafting, 3, Colored Topography, 2.

Third Year Fall term, Analytical Geometry, 2; Calculus, 3, Land Surveying, 2, Leveling and Field Work, 3, Geology, 5; Detail Drawings, 2, Graining, Tracings and Blue Prints, 2 Winter term, Calculus, 5, Mineralogy, 3, Blow Piping, 2, Qualitative Analysis, 5, Graphic Solutions of Strains in Trusses and

Arches, 5 Spring term, Analytic Mechanics, 5; Botany, 5, Political Economy, 5, Architectural Drafting, 3, Stereotomy and Stone Cutting, 2

FOURTH YEAR. Fall term, Analytic Mechanics, 5, R. R Surveying, 2, Field Work in R. R. Surveying, 3, Commercial Law, 5, Metallurgy, 2, Hydrography, 2, Field Work, 3 Winter term, Analytic Mechanics, 3, Spherical Astronomy, 2, International Law, 5, Hydraulic and Sanitary Engineering, 5, Engineering roads, canals, tunnels and materials, 5 Spring term, Spherical Astronomy, Determination of Time, Latitude, etc, 5, Electrical Engineering, lights, dynamos, alarms, house wiring, etc, 5, Contracts, Specifications, Orders for materials and forms, 5, Preparation of Thesis, 5.

ARCHITECTURE

The first and second years of this course are identical with the first two years of the course in Civil Engineering.

THIRD YEAR. Fall term, Analytical Geometry, 2, Calculus, 3 Detail of Building, 5, Land Surveying, 2, Leveling and Field Work, 3; Geology, 5 Winter term, Calculus, 5, Graphic Solution of strains in roof trusses, arches, etc, 5, Mineralogy 3, Blow Pipe and Wet Analysis 7. Spring term, Analytic Mechanics, 5, Stereotomy and Stone Cutting, 5, Political Economy, 5, Lectures on Egyptian, Grecian and Roman Architecture, 5.

FOURTH YEAR Fall term, Analytic Mechanics, 5, Designing 5, Architectural Decorations, 3, Commercial Law 5, Metallurgy 2 Winter term, Analytic Mechanics, 3, Construction, 3, Blue Prints and Tracings, 2, Hydraulic and Sanitary Engineering, 5, International Law, 5, Ventilation and Heating, 2 Spring term, Modern Architecture and Designing, 5, Electric Wiring for alarms, lights, etc., 5, Contracts, Specifications and Orders, 5, Preparation of Thesis, 5

CHEMISTRY

SECOND YEAR Fall term, Algebra, 2, Geometry, 3, French, German or Latin, 3; Mechanics and Heat, 5, Qualitative Analysis, 5. Winter term, Trigometry 5, French, German or Latin, 3, Electricity and Magnetism, 5, Blow Pipe Analysis, 5. Spring term Botany, 5, French, German or Latin, 3, Acoustics and Optics, 5, Qualitative Analysis, 5

THIRD YEAR. Fall term, Descriptive Geometry, 5, General History, 5 [illegible]

of rare Minerals, 5 Winter term, Logic, 5, Natural History, 5, Mineralogy, 3, Organic Chemistry, 2, Quantitative Analysis, 5. Spring term, English Literature, 5, Industrial Chemistry, 5, Organic Chemistry, 2; Quantitative Analysis, 7

FOURTH YEAR. Fall term, Land Surveying, 5; Commercial Law, 5, Metallurgy, 2, Toxicology, 5, Medical Chemistry, 5. Winter term, International Law, 5, Assaying, 2, Water Analysis, 5, Commercial Chemistry, 3 Spring term, Political Economy, 5, Gas Analysis. 5, Thesis, 5.

SCIENCE AND LITERATURE

SECOND YEAR Fall term, Algebra, 2, Geometry, 3, French, German or Latin, 3, Mechanics and Heat, 5, Descriptive Geometry, 5 Winter term, Trigonometry, 5, Descriptive Geometry, 3, French, German or Latin, 3, Electricity and Magnetism, 5; Analytical Chemistry, 5 Spring term, French, German or Latin, 3, Acoustics and Optics, 5, Analytical Chemistry, 5; Botany, 5.

THIRD YEAR Fall term, Land Surveying, 5, French, German or Latin, 5, Geology, 5, General History, 5 Winter term, French, German or Latin, 5, Mineralogy, 3, Blow Pipe, 2, Logic, 5 Spring term, French German or Latin, 5, Astronomy, 5 Natural History, 5, English Literature, 5

FOURTH YEAR Fall term, French, German or Latin, 3, American History, 5, Commercial Law, 5, Pen Topography, 2, Metallurgy, 2 Winter term, French, German or Latin, 3, Mental and Moral Philosophy, 3, International Law, 5; Elements of Criticism, 5 Spring term, French, German or Latin, 3, Political Economy, 5, Contracts and Specifications, 5, Thesis, 5

COURSE IN ARTS

FIRST YEAR Fall term, Algebra, 5, Memorabilia and Greek Prose, 5, Livy and Latin Prose, 5, Rhetoric 2, Free Hand Drawing, 5 Winter term, Algebra, 3; Geometry, 2, Herodotus, 5, Cicero, Tusculan Disputations and Roman History, 5, Rhetoric, 2, Perspective, 3, Lettering, 2 Spring term, Algebra, 2, Geometry, 2; Homer's Odessey and Grecian History, 5, Horace's Odes, 5, Rhetoric, 2, Geometrical Drafting, 2, Projection, 3

SECOND YEAR Fall term, Algebra, 2, Geometry, 3, Sophocles, 5; Juvenal's Satires, 5, Mechanics and Heat, 5. Winter term, Trigonometry, 5, Euripides, 5, Tacitus, 5, Electricity and Magnetism, 5. Spring term, Aeschylus, 5, Tacitus, 5, Acoustics and Optics 5 Botany 5.

THIRD YEAR Fall term, Demosthenes, 2, Pliny, 3, Geology, 5, French or German, 5, Inorganic Chemistry, 3, Pen Topography, 2 Winter term, Plato, 2; Plautus, 3; Logic, 5; Inorganic Chemistry, 3, French or German, 5 Spring term, Greek Syntax, 2; Latin Syntax, 3, French or German, 5, Inorganic Chemistry, 3; Astronomy, 5

FOURTH YEAR Fall term, Land Surveying, 5, Analytical Chemistry, 5, French or German, 3, Commercial Law, 5 Winter term, Mineralogy, 3, Blow Pipe Analysis, 2, French or German,3; International Law, 5, Elements of Criticism, 5, Mental and Moral Philosophy, 3 Spring term, Natural History, 5, French or German, 3, Political Economy, 5; Thesis, 5

NOTE Two hours' work in laboratory and drawing room are equivalent to one hour's recitation

Composition, Declamation and Oratory will be pursued in all courses throughout the four years Original orations are required during the Senior year

Military instruction throughout all courses the same as in the Military course

The following courses of study from the catalogues of 1895–96, remained practically unchanged until 1900, excepting the Electrical Engineering Course, which was dropped in 1897

COURSE IN CIVIL ENGINEERING.

FRESHMAN YEAR.

FALL TERM Algebra, 5, French or German, 5, Inorganic Chemistry, 5 (text 3, laboratory 2), Rhetoric, 2, Free Hand Drawing, 6, English, 1

WINTER TERM Geometry, 5, French or German, 5, Inorganic Chemistry, 5 (text 3, laboratory 2,), Rhetoric, 2, Lettering, 3, Tinting and Shading, 3, English, 1

SPRING TERM. Trigonometry, 5, French or German, 5, Inorganic Chemistry, 5 (text 3, laboratory 2,), Rhetoric, 2, Mechanical Drawing, 6, English, 1

SOPHOMORE YEAR

FALL TERM Analytical Geometry, 5, German or French, 5, Electricity and Magnetism, 5, Descriptive Geometry and Drafting, 10, English, 1

NOTE. The figures after each subject indicate the number of recitations per week or its equivalen

WINTER TERM. Differential Calculus, 5, German or French, 5, Mechanics and Heat, 5, Descriptive Geometry and Drafting, 10, English, 1.

SPRING TERM. Integral Calculus, 3, Land Surveying, Leveling and Field Work, 6 (text 2, field work, 4), German or French, 5, Acoustics and Optics, 5 Detail Drawing, Tracing, and Blue Prints, 10; English, 1.

JUNIOR YEAR

FALL TERM Mechanics of Engineering Statics and Dynamics, 5, Geology, 5; Advanced Surveying Topographical, Municipal, and Geodetic 10 (text 4, field work 6), English, 1.

WINTER TERM Mechanics of Engineering Materials, 5; Blow Pipe Analysis and Determinative Mineralogy, 4, Qualitative Analysis, 6, Colored and Pen Topography, 5; Trusses and Arches, 2; Graphics of Trusses and Arches, 5, English, 1.

SPRING TERM. Stone Cutting, (text 2, drafting, 2); Mechanics of Engineering Hydraulics, Retaining Walls, Masonry Dams, 3, Botany, 3, Bridge Stresses, (text 3, drafting 4), English, 1.

SENIOR YEAR.

FALL TERM. Commerical Law, 5; Metallurgy, 2, Bridge Designing, 3: Railroad Engineering, curves, turnouts and practical location of railway, 8, (text 2, field work 6), Drawing—Railroad Maps, 4, English, 1

WINTER TERM. Constitutional or International Law, 5; Hydraulic and Sanitary Engineering, 5, Civil Engineering—Materials of Engineering, Foundations, Canals, Highways, 5, Drawing—Design of Bridges, 10, English, 1.

SPRING TERM. Spherical Astronomy — Determination of Time, Latitude, etc. 3; Contracts and Specifications, 2, Political Economy, 5, Highway Engineering, 2, Railroad Engineering, 3; Preparation of Thesis, 5

COURSE IN ARTS.

FRESHMAN YEAR.

FALL TERM. Algebra, 5, Memorabilia and Greek Prose, 5, Livy and Latin Prose, 5, Rhetoric, 2, Inorganic Chemistry, (text 3, laboratory 2), English, 1.

WINTER TERM. Geometry, 5; Herodotus, 5, Tacitus—Germania, 5, Rhetoric, 2; Inorganic Chemistry, (text 3, laboratory 2), Lettering, 3; English, 1.

SPRING TERM. Trigonometry, 5, Homer's Odyssey, 5, Cicero de Senectute, De Amicitia, 5, Rhetoric, 2, English, 1, Inorganic Chemistry (text 3, laboratory 2)

SOPHOMORE YEAR.

FALL TERM Sophocles, 3; Juvenal's Satires or Ovid, 3, Mechanics and Heat, 5; Ancient History, 3, English Literature, 2, English, 1

WINTER TERM Demosthenes, 3, Horace—Odes and Epodes, 3, Electricity and Magnetism, 5, English Literature, 2, Mediæval History, 3, English, 1.

SPRING TERM. Æschylus, 3, Horace—Satires and Epistles, 3, Acoustics and Optics, 5, English Literature, 2, Modern History, 3, Land Surveying, 6, English, 1

JUNIOR YEAR

FALL TERM Demosthenes, 2, Pliny, 2; Geology, 5; French or German, 5, English Literature, 2, English, 1.

WINTER TERM. Plato, 2, Plautus, 2, French or German, 5; English Literature, 2, State, 5, English, 1

SPRING TERM. Greek Syntax, 2, Latin Syntax, 2, French or German, 5, English Literature, 2, United States History, 5; English, 1

SENIOR YEAR

FALL TERM. Analytical Chemistry, 10, French or German, 5, Commercial Law, 5, Psychology, 5, English, 1.

WINTER TERM French or German, 5; International Law, 5, Constitutional Law, 5, Logic, 5, English, 1.

SPRING TERM French or German, 5; Political Economy, 5, Thesis, 5; Astronomy, 3, Ethics, 3.

COURSE IN CHEMISTRY.

FRESHMAN YEAR

FALL TERM. Algebra, 5, French, German or Latin, 5, Inorganic Chemistry, 5 (text 3, laboratory 2), Rhetoric, 2, Free Hand Drawing, 6, English, 1

WINTER TERM Geometry, 5, French, German or Latin, 5, Inorganic Chemistry, 5 (text 3, laboratory 2), Rhetoric, 2, Lettering, 3, Tinting and Shading, 3, English, 1.

SPRING TERM Trigonometry, 5, French, German or Latin, 5, Inorganic Chemistry, 5 (text 3, laboratory 2), Rhetoric, 2; Mech[illegible]

Sophomore Year

Fall Term. French, German or Latin, 5, Mechanics and Heat, 5, Qualitative Analysis, 15, English, 1.

Winter Term French, German or Latin, 5, Electricity, and Magnetism, 5, Blow Pipe Analysis, 10, Qualitative Analysis, 10, English, 1

Spring Term French, German or Latin, 5; Acoustics and Optics, 5, Qualitative Analysis, 15; Quantitative Relations, 5; English, 1.

Junior Year

Fall Term Geology, 5, Organic Chemistry, 2, Gravimetric Analysis, 15, Zoology, 3, English Literature, 2, English, 1

Winter Term Organic Chemistry, 2, Gravimetric Analysis, 20, English Literature, 2, English, 1

Spring Term English Literature, 2, Organic Chemistry, 2; Volumetric Analysis, 15, Botany, 3, English, 1.

Senior Year

Fall Term. Commercial Law, 5, Metallurgy, 2, Toxicology, 10, Medical Chemistry, 10, English, 1

Winter Term Constitutional Law, 5, International Law, 5, Food Analysis, 20, English, 1

Spring Term. Political Economy, 5, Water Analysis, 15; Thesis, 5.

COURSE IN SCIENCE AND LITERATURE

Freshman Year

Fall Term Algebra, 5, Livy and Latin Prose, 5; Inorganic Chemistry, 5 (text 3, laboratory 2), Rhetoric, 2, Free Hand Drawing, 6, English, 1

Winter Term Geometry. 5, Horace—Odes and Epodes, 5, Inorganic Chemistry, 5 (text 3, laboratory 2), Rhetoric, 2; Lettering, 3, Tinting and Shading, 3, English, 1

Spring Term. Trigonometry, 5 Horace—Satires and Epistles, 5, Inorganic Chemistry 5 (text 3, laboratory 2); Rhetoric, 2, Mechanical Drawing, 6, English, 1.

Sophomore Year

Fall Term Analytical Geometry, 5, Juvenal's Satires, 3, Mechanics and Heat, 5, Ancient History, 3, English Literature, 2; English, 1

WINTER TERM. Tacitus, 3, Electricity and Magnetism, 5, Calculus, 5, Mediæval History, 3; English Literature, 2, English, 1

SPRING TERM. Cicero's Select Letters, 3; Acoustics and Optics, 5; Analytical Chemistry, 10, Land Surveying, 6, English Literature, 2, Modern History, 3, English, 1.

JUNIOR YEAR.

FALL TERM French or German, 5, Geology, 5; Zoology 3, English History, 5, English Literature, 2, English, 1.

WINTER TERM. French or German, 5, Analytical Chemistry, 10, Blow Pipe Analysis, 4, English Literature, 2, State, 5; English, 1.

SPRING TERM French or German, 5, English Literature, 2, United States History, 5; Botany, 3; English, 1

SENIOR YEAR.

FALL TERM French or German, 5, Commercial Law, 5, Metallurgy, 2, Psychology, 5, English, 1.

WINTER TERM French or German, 5, International Law, 5, Constitutional Law, 5, Logic, 5, English, 1.

SPRING TERM French or German, 5, Political Economy, 5; Astronomy, 3, Ethics, 3, Thesis, 5.

COURSE IN ELECTRICAL ENGINEERING

FRESHMAN YEAR

FALL TERM Algebra, 5, German or French, 5, Inorganic Chemistry, 5 (text 3, laboratory 2,), Rhetoric, 2, Free Hand Drawing, 6; English, 1

WINTER TERM Geometry, 5; German or French, 5, Inorganic Chemistry, 5 (text 3, laboratory 2,), Rhetoric, 2, Lettering, Tinting and Shading, 6, English, 1

SPRING TERM. Trigonometry, 5, German or French, 5, Inorganic Chemistry, 5 (text 3, laboratory 2,); Rhetoric, 2, Mechanical Drafting, 6; English, 1.

SOPHOMORE YEAR.

FALL TERM. Analytical Geometry, 5, Electricity and Magnetism, 5, Descriptive Geometry and Drafting, 10, Electrical Chemistry, 5, English, 1

WINTER TERM Differential Calculus, 5; Mechanics and Heat, 5, Descriptive Geometry and Drafting, 10; English, 1

Elementa[illegible]

SPRING TERM Integral Calculus, 5, Acoustics and Optics, 5, Land Surveying, 6 (text 2, field work 4,), Elementary Electricity, 5; English, 1; Electrical Measurements, 2, Detail Drafting and Blue Prints 6.

JUNIOR YEAR.

FALL TERM Mechanics of Engineering—Statics and Dynamics, 5, Geology, 5, Elements of Mechanism, 3, Dynamo Electric Machinery 5; Electrical Laboratory, 4, Machine Drafting, 4, English, 1

WINTER TERM. Mechanics of Engineering—Materials of Construction, 5, Theory of Trusses and Arches, 5 Dynamo Electric Machinery, 5, Electrical Laboratory, 4, Machine Drafting, 4, English, 1.

FALL TERM. Mechanics of Engineering—Hydraulics, Retaining Walls, Masonry Dams, 3, Bridge Stress 7, Dynamo Electric Machinery, 5, Electrical Laboratory, 4, Machine Drafting, 4, English, 1

SENIOR YEAR.

FALL TERM Electric Lighting, Power Transmission and Electric Railways, 5, Alternating Currents and Alternating Current Machinery, 5, Engines and Boilers, 5; Electrical Laboratory, 4, English, 1

WINTER TERM Alternating Currents and Theory of Transformers, 5, Thermodynamics, 3; Engine and Boiler, 5; International or Constitutional Law, 5; Electrical Laboratory, 4, English, 1

SPRING TERM Construction of Electric Plants, 2, Telephony, Telegraphy, Electric Signalling and Photometry, 5, Contracts and Specifications, 2, Electrical Laboratory, 4, Testing of Electric Plants and Thesis, 6, English, 1.

Lectures on Meteorology to Seniors of all courses during winter term.

COURSE IN ARTS 1910-11.

FRESHMAN YEAR.

FIRST TERM. Chemistry, 5, Drawing, 1, English, 3; Greek A, 3, or Greek B, 4, Latin A, 3, or Latin B, 4, Algebra, 5, Military Science, 1

SECOND TERM. Chemistry, 5; English, 3; Greek A, 3; or

NOTE The figures after each subject indicate the number of recitations per week or

Greek B, 4, Latin A, 3, or Latin B, 4, Trigonometry, 5, Military Science, 1

THIRD TERM Chemistry, 5, English, 3, Greek A, 3, or Greek B, 4, Latin A, 3; or Latin B, 4, Analytical Geometry, 5, Military Science 1

Summer school, 2 weeks

SOPHOMORE YEAR

FOURTH TERM English, 3, Greek A, 3, or Greek B, 4, Latin A, 3, or Latin B, 4, Differential Calculus, 5, Military Science, 2, Physics, 3.

FIFTH TERM English, 3, Greek A, 3, or Greek B, 4; Latin A, 3, or Latin B, 4, Military Science, 2, Physics, 4

SIXTH TERM English, 3, Greek A, 3, or Greek B, 4, Latin A, 3, or Latin B, 4, Military Science, 2, Physics, 3

JUNIOR YEAR

SEVENTH TERM Land Surveying, 6, English, 3, French, 3, or Latin B, 4, Geology, 3, German, 3, or Greek, B, 4, Military Science, 2, Philosophy, 3

EIGHTH TERM. English, 3, French 3, or Latin B, 4, German, 3, or Greek, B, 4, Law, 3, Descriptive Geometry, 6, Military Science, 2, Philosophy, 2

NINTH TERM Biology, 4, English, 3 French, 3, or Latin B, 4, German, 3, or Greek B, 4, Law, 3, Military Science, 2, Philosophy, 3

SENIOR YEAR

TENTH TERM Economics, 2, English, 3, French, 3, or Latin B, 3, German, 3, or Greek B, 3, History, 3, Law, 2, Military Science, 2, Spanish, 3.

ELEVENTH TERM English, 3, French, 3, or Latin B, 3, German, 3, or Greek B, 3, History, 3, Meteorology, 2, Military Science, 2, Spanish, 3.

TWELFTH TERM Astronomy, 5; English, 3, French, 3, or Latin B, 3, German, 3 or Greek B, 3, History, 3, Military Science, 2, Spanish, 3,

CHEMISTRY, 1910–11

FRESHMAN YEAR

FIRST TERM. Chemistry, 5, Drawing, 4, English, 3, French or German

SECOND TERM Chemistry, 5, English, 3; French or German, 3, Trigonometry, 5, Descriptive Geometry, 5, Military Science, 1.

THIRD TERM Chemistry, 5, Qualitative Chemistry, 5; English, 3, French or German, 3, Analytical Geometry, 5, Descriptive Geometry, 3, Military Science, 1.

Summer school, 2 weeks.

SOPHOMORE YEAR

FOURTH TERM. Qualitative Chemistry, 5, Stoicheiometry, 3; French, German or Spanish, 3, Differential Calculus, 5, Military Science, 2; Physics, 3

FIFTH TERM Blow Pipe, 6, History of Chemistry, 1, French, German or Spanish, 3, Integral Calculus, 5, Military Science, 2, Physics, 7.

SIXTH TERM Qualitative Chemistry, 5; Quantitative Chemistry, 5; French, German or Spanish, 3; Military Science, 2; Physics, 5.

JUNIOR YEAR

SEVENTH TERM Biology, 2; Quantitative Chemistry, 6; Industrial Chemistry, 4; English, 3, Geology, 3, Military Science, 2, Philosophy, 3.

EIGHTH TERM Organic Chemistry, 8; Industrial Chemistry, 5; Assaying, 2, English, 3, Constitutional Law, 3, Military Science, 2, Philosophy, 2

NINTH TERM. Biology, 4, Organic Chemistry, 10, English, 3, International Law, 3, Military Science, 2; Philosophy, 3,

SENIOR YEAR.

TENTH TERM. Organic Chemistry, 8, Electro-Chemistry, 5; Metallurgy, 2, Economics, 2, History, 3; Law, 2, Military Science, 2

ELEVENTH TERM Sanitary Chemistry, 14; Microscopy, 2; History, 3; Meteorology, 2, Military Science, 2.

TWELFTH TERM. Thesis Chemistry, 16; History, 3, Military Science, 2.

CIVIL ENGINEERING 1910–11.

FRESHMAN YEAR.

FIRST TERM Chemistry, 5; Drawing, 4; English, 3, French or German, 3, Algebra, 5, Military Science, 1

SECOND TERM Chemistry, 5, English, 3, French or German, 3, Trigonometry, 5; Descriptive Geometry, 6; Military Science, 1

THIRD TERM. Chemistry, 5, English, 3; French or German, 3, Analytical Geometry, 5, Descriptive Geometry, 3; Military Science, 1

Summer school, 2 weeks

SOPHOMORE YEAR.

FOURTH TERM Drawing, 2, Land Surveying, 6, French, German or Spanish, 3, Differential Calculus, 5, Descriptive Geometry, 2, Military Science, 2, Physics, 3

FIFTH TERM Mechanics, 5, French, German or Spanish, 3, Integral Calculus, 5; Military Science, 2, Physics, 7.

SIXTH TERM Mechanics, 5, Topographical and Municipal Surveying, 7, French, German or Spanish, 3; Military Science, 2, Physics, 3, Physics, 3.

Summer school, 4 weeks

JUNIOR YEAR.

SEVENTH TERM. Drawing, 3, Mechanics of Materials, 5; Stereotomy, 5, Geodetic and Mining Surveying, 5, Geology, 3, Military Science, 2

EIGHTH TERM Blow Pipe, 6, Hydraulics, 5, Graphical Statics, 6, Railroad Engineering, 3, Law, 3, Military Science, 2.

NINTH TERM Concrete, 5, Roofs and Bridges, 8, Railroad Engineering, 6, Law, 3, Military Science, 2.

Summer school, 4 weeks

SENIOR YEAR

TENTH TERM Chemistry, Metallurgy, 2; Economics, 2, Framed Structures, 6, Railroad Economics, 4, Materials of Engineering, 5, Law, 2, Military Science, 2

ELEVENTH TERM Bridge Designing, 6, Water Supply, 4, Sanitary Engineering, 3, Meteorology, 2, Military Science, 2

TWELFTH TERM Astronomy, 5, Canals and Rivers, 2, Highway Engineering, 2, Thesis, 2, Rockwork, Tunneling and Mining, 2, Military Science, 2.

ELECTRICAL ENGINEERING 1910–11.

FRESHMAN YEAR.

FIRST TERM Chemistry, 5, Drawing, 4, English, 3, French or German, 3, Algebra, 5, Military Science, 1

SECOND TERM. Chemistry, 5, English, 3, French or German, 3, Trigonometry, 5, Descriptive Geometry, 6, Military Science, 1

THIRD TERM Chemistry, 5, English, 3, French or German, 3; Analytical Geometry, 5; Descriptive Geometry, 3 Military Science, 1

Summer school, 2 weeks

SOPHOMORE YEAR.

FOURTH TERM Constructive Drawing, 5, Land Surveying, 6, French, German or Spanish, 3, Differential Calculus, 5, Military Science 2,; Kinematics, Dynamics and Heat, 3

FIFTH TERM Rational and Applied Mechanics 5, French, German or Spanish, 3, Integral Calculus, 3, Military Science, 2 Sound and Light, 3, Physics, Laboratory, 4.

SIXTH TERM Rational and Applied Mechanics, 5, Topographical and Municipal Surveying, 7, French, German or Spanish, 3, Military Science, 2, Electricity and Magnetism, 3, Laboratory Physics, 2.

Summer school, 4 weeks

JUNIOR YEAR

SEVENTH TERM. Mechanics of Materials, 5, Mining Surveying 2, Boiler Design and Construction, 2, Direct Currents, 5, Direct Currents. (Laboratory) 4, Geology, 3, Military Science, 2.

EIGHTH TERM. Hydraulics, Retaining Walls, etc 5, Graphical Statics, 6, Railroad Engineering, 3, Dynamos and Motors, 4, Constitutional Law, 3, Military Science, 2

NINTH TERM Roofs and Bridges, 8; Railroad Engineering, 6, Alternating Currents, 4, Alternating Currents, (Laboratory) 2; International Law, 3, Military Science, 2

Summer school, 196 hours

SENIOR YEAR

TENTH TERM Railroad Economics, 4, Water Supply, 4; Hydrodynamics, 3, Thermodynamics, 3, Electrical Designing, 2, Commercial Law, 2, Military Science, 2

ELEVENTH TERM. Materials of Engineering, 5, Sanitary Engineering, 3, Specifications, 3 Materials of Electrical Engineering, 6, Power, Transmission, etc , 6, Military Science, 2

TWELFTH TERM Highway Engineering, 2, Rockwork, 2, Electrical Testing 6, Special Work for Honor Men, 6, Thesis, 4, Military Science, 2.

SCIENCE AND LITERATURE. 1910–'11.

Freshman Year.

First Term. Chemistry, 5, Drawing, 4, English, 3, French, 3, Latin A, 3, Algebra, 5, Military Science, 1.

Second Term. Chemistry, 5; English, 3, French, 3, Latin A, 3, Trigonometry, 5; Descriptive Geometry, 6, Military Science.

Third Term. Chemistry, 5, English, 3, French, 3, Latin A, 3, Analytical Geometry, 5, Descriptive Geometry, 3; Military Science, 1.

Summer school, 2 weeks.

Sophomore Year

Fourth Term English, 3, French, 3; Latin A, 3; Differential Calculus, 5, Descriptive Geometry, 3; Military Science, 2, Physics, 3.

Fifth Term English, 3, French, 3, Latin A, 3; Integral Calculus, 5, Military Science, 2; Physics, 7.

Sixth Term. English, 3, French, 3, Latin A, 3, Military Science, 2, Physics, 5.

Junior Year

Seventh Term Biology, 2, Engineering, 6, English, 3; Geology, 3, German, 3, Military Science, 2; Philosophy, 3

Eighth Term. Blow Pipe Analysis, 6, English, 3, German, 3; Constitutional Law, 3, Military Science, 2, Philosophy, 2.

Ninth Term Biology 4, English, 3, German, 3, International Law, 3, Military Science, 2, Philosophy, 3.

Senior Year

Tenth Term Chemistry, Metallurgy, 2, Economics, 2, English, 3, German, 3, History, 3, Commercial Law, 2, Military Science, 2; Spanish, 3

Eleventh Term Chemistry or Physics, 5, English, 3; German, 3, History, 3, Meteorology, 2, Military Science, 2, Spanish, 3.

Twelfth. Term Chemistry or Physics, 5, Engineering, 5, English, 3 German, 3, History 3, Military Science, 2, Spanish, 3.

TEXT BOOKS USED DURING 1885-1911.

English

Clark's, Genung's, Hill's, and Lewis' Rhetoric; Welsh's and Arnold's English Literature, Clark's Notes on Reading, Bacon's Manual of Gesture, Wooley's and Baldwin's Composition, Meiklejohn's English Language, Thayer's Best Elizabethan Plays, Rolfe's edition of Shakespeare, Moulton's Introduction to the Literature of the Bible.

Latin.

Standard Texts

Greek

Standard Texts.

French

Edgren's, Whitney's, Aldrich's and Foster's Grammar, Aldrich's and Foster's, Fasquelle's, Knapp's, Stern's and Super's Reader

Spanish.

Ramsey's, Loisseaux's, and Garner's Grammar and Reader; Holt's Habla V Espanol, Traub's Spanish Verb

German

Whitney's, Otis', and Joynes-Meissner's Grammar, Rosenthal's and Harris' Lessons, Joynes', Huss', and Hewitts' and Dippold's reader, Hodges' and Wait's Scientific German, Stern's Studien und Plauderein; Jagemanns Syntax and Composition; Vos's Essentials, Bacon s In Vaterland, Wenckebach's Composition.

History

Webbers' General History, Myer's Mediaeval and Modern History, Green's and Montgomery's English History, Smith's History of Greece, Smith's and Merrivale's History of Rome, Thwaite's New England Colonies

Mathematics

Wentworth's and Wells' Algebra, Davies Legendre and Phillips' and Fisher's Geometry, Davie's and Phillips' and Strong's Trigonometry Ashton and Marsh, Davie's, Faunce's, Church's and Wilson's Descriptive Geometry, Loomis', and Tanner's and Allen's Analytical Geometry, Riggs', Taylor's, and Granville's Calculus,

Wood's, Wright's, Hancock's, Church's, and Maurer's Mechanics, Young's and White's Astronomy; Merriman's Least Squares

ENGINEERING

Carhart's, Hodgeman's, Tracy's, Pence and Ketchum's, and Tracy's Land Surveying, Johnson's Topographical and Municipal Surveying, Searle's, Carhart's, Nagle's, Allen's, and Webb's Railroads with Tables, Warren's, Mahan's, French and Ives's Stereotomy, Merriman's and Jacoby's Maxwell's, Johnson's and Turneaure's Graphics, Dubois, Johnson's, Turneaure's and Bryant's Stresses in Framed Structures, Merriman's Bridge Designing, Mahan's, Trautwine's, Paton's and Fieberger's Civil Engineering, Baker's Highways, Haupt's and Johnson's Specifications, Patton's foundation, Wellington's Earthwork Computations, Johnson's Materials, Merriman's Mechanics of Materials, Hancock and Slocum's Strength of Materials, Baker's Masonry Construction; Taylor's and Thompson's Plain and Reinforced Concrete, Prelinni's, Tunneling, Fanning's Church's, and Merriman's Hydraulics, Folwell's, Turneaure's and Russel's Water Supply, Latham's, Philbrick's, Adam's, and Folwell's Sanitary Engineering, Reed's Topographical Drawing Reinhardt's and Wilson's Lettering, Reinhardt's Mechanical Drawing

SCIENCES

Shepard's, Newth's, Inorganic Chemistry, Remsen's and Sadler's Organic Chemistry, Fresnius', Elliott's and Plympton's Qualitative Analysis, Sutton's and Appleton's Volumetric Analysis, Fresnius', Appelton's, and Evans' Quantitative Analysis, Frankland's Agricultural Chemistry; Rolfe's Medical Chemistry, Battershall's and Blythe's Food Analysis, Blythe's Toxicology, Gage's and Watson's Physics, Winchell's and Le Conte's Geology, Dana's and Faye's Mineralogy, Hiorn's Metallurgy and Assaying, Gray's and Steven's Botany, Packard's and Marshall and Hunt's Zoology, Waldo's, Mill's and Hann's Meteorology.

PHILOSOPHY, POLITICAL ECONOMY AND LAW

Robinson's, Muirhead's and Hyde's Ethics, Janet's Moral Philosophy, Jevon's, Davis and Kilbon's Logic, Seilly's, Baldwin's and James' Psychology, Perry's, McVane's and Walker's Political Economy, Townsend's Commercial Law, Townsend's, Cooley's and Davis' (Lieut. E. A.) Constitutional Law, Woolsey's and Davis' (Gen. George B.) International Law, Johnson's American Politics, Wilson's "The State."

Military

The Drill Regulation of the various arms of the service; Wagner's "Security and Information" and "Organization and Tactics", Pettit's "Elements of Military Science", Batchelor's "Fire Discipline", Burnham's "Duties of Guards and Outposts", Beach's "Manual of Field Engineering", Winthrop's "Military Law"

Degrees

The degree of Bachelor of Science (B. S.) has been conferred upon the graduates of the Civil Engineering Course to date, excepting in the years 1888-96, when the degree of C. E. was given. In 1894 the trustees voted to make the degree of C. E., a master's degree, and only confer it upon graduates of at least three years' standing, who had followed the profession during that time, and had presented to the faculty a satisfactory thesis, or upon graduates who had completed a post-graduate course.

The degree of B. S. has been conferred upon the graduates of the Chemical Course, since 1880, excepting during the academic year of 1885-86, when the degree of Analytical chemist (A. C.) was given.

The degree of Bachelor of Literature (B. L.) was conferred upon the graduates of the Science and Literature Course until 1891. Since that date the degree of B. S. has been given.

The degree of Bachelor of Architecture was conferred upon the graduates of the course in Architecture during 1886-88, and B. S. from the last date until the course was discontinued in 1891. The degree of Bachelor of Arts (A. B.) has been conferred to date.

The advanced degrees conferred by the University since 1901, have been given under the following conditions:

"The degree of Master of Arts, Master of Science, or Civil Engineer, may be conferred on graduates of two years' standing of this or any other reputable college, who have spent at least one year in post-graduate studies under the direction of the Faculty and on graduates of three years' standing, who have during that time been engaged in professional, literary, or scientific pursuits, or have pursued a course of liberal study, subject to approval of the Faculty. A candidate for a degree is required to present a thesis upon some branch of liberal study pursued since graduation, and to pass an examination before the Faculty. The thesis must be presented at least three weeks before commencement, and a copy thereof, be furnished to be placed in the library of the University."

LIBRARY.

During the first part of this period, 1884-92, very little use was made of the library It was stored in the large room on the first floor of Jackman Hall, as explained in Chapter VI In 1892, it was moved to the large room on the west side of the third floor of Dodge Hall and Prof Edson L Whitney, Ph D, was appointed librarian He carefully classified the books and did much to promote the usefulness of the library In 1893, Prof. H R Roberts succeeded Professor Whitney as librarian and continued his work During 1892-1902, a number of volumes were added

The historian of the University presented many regimental and war histories, greatly strengthening this department of the library In 1897, he interested Mrs Evelyn B Ramsay and Miss Lizzie B. Miller, daughters of the Rev O D Miller, '45, the distinguished archaeologist, in the needs of the library, and secured the promise of the gift of their father's very complete and valuable library on historical and archaeological subjects From December 1901 to May, 1902, he secured about two thousand dollars, which was turned over to President Brown for the fitting up of the library room in Dewey Hall with modern steel stacks and furniture In the spring of 1902, the Miller Library, numbering fully three thousand volumes, was shipped to the University. In July, 1902, Mr. W. A Ellis, of the class of 1897, was secured as librarian and during the summer of the same year the library was moved to Dewey Hall, and classified according to the Dewey system. The old library numbered about six thousand volumes, exclusive of duplicates The alumni and friends of the University were appealed to for aid, they generously responded, and during the term of the service of this librarian the library was increased to over twelve thousand volumes and many thousand pamphlets In 1906, six hundred volumes on history and literature were willed the library by Major H. E. Alvord, '63. Professor Scott, '71, presented his valuable library on the Germanic Languages, numbering over one thousand volumes Mrs Benjamin F Snow presented three hundred volumes from the library of her father, Prof James D Butler (q v) Large donations were received from Gen G M. Dodge, '51, Dr. George Nichols, J K Egerton, Mrs W. M Rumbaugh, Dr H H. Walling, (library of Rev W A Benedict), Mrs W F Cushman, (books from the library of Zadoc Thompson), and Prof J B Johnson, '79.

The periodical department was especially developed. Up to 1903 very [illegible]

many complete sets of the American periodicals were added, special attention being paid to the technical journals Mr Edward D Adams, '64, presented a complete set of the Transactions of the American Society of Civil Engineers General Dodge assisted in completing the sets of the *Engineering News*, and *Engineering Record* Mr J M Holland, '83, and P. M Fletcher, 87, assisted in completing the files of several of the technical journals, and many of the alumni became regular contributors to the reading room Through the generous aid of Maj H. E Alvord, '63, W P Clement, '72, J M Holland, '83, Mrs W H Greenwood, and I C. Ellis, '01, typewriters, card catalogue cases, and necessary furniture was added Capt J E Ainsworth 53, gave a liberal donation for binding periodicals and pamphlets In March, 1905, through the effort of Gen G M Dodge, '51, Mr. Andrew Carnegie gave the money for a library and Electrical Engineering Building. Through various delays the building was not completed for the use of the library until the summer of 1908 That summer the books were moved to the building.

In 1907, Mr E D Adams, 64, Gen G M Dodge, '51, and W P Clement, '72, gave the money to pay for the services of an assistant librarian during 1907-09. In 1907, Miss Bessie B Silverthorn, B S. was appointed assistant librarian, and in 1908, on the resignation of Mr. Ellis, was appointed librarian In May, 1910, Miss Silverthorn resigned, and in September, Miss Helen Crampton, a graduate of the University of Vermont, was appointed as her successor. Miss Beryl Hildreth served as assistant librarian in 1906-07. Since 1902, several cadets have been given employment in the library

Reading Room.

In 1883 and 1887-88, the matter of conducting a reading room was agitated but nothing definite was accomplished until November, 1888, when the corps formed a Reading Room Association The fee was placed at fifty cents each term and was collected by the treasurer. The officers for the Fall term were president Prof C C Brill, secretary, H J Dane, '90, treasurer, D W Lewis, '90, directors, E R Juckett, '89 S B. Adams, '90. H. C Sweeney, '91 and I A Lawrence, '92 The officers for the Spring term were president, A. F. Booth, 91, secretary. E. H. Ryan, '92, treasurer, W E Terrill, '92, directors E W Gilman, '89, J H. Judkins, '90, W. H Sprague, '91, H R Chadwick, '92, C E. Collins, '90, and A P Shaw, '89

During 1889-90, the officers were elected by each class for each term From the fall of 1890 until 1902 the officers were elected by the corps In 1890-91, F M. Goodhue, '91, acted as custodian During this year many improvements were made on the room and several magazines and newspapers added. The officers for 1891-92, were presidents, R H Ford, '92, and J S. Craigue, '92, secretaries, C W Pierce, '92, and C. H. Booth, '94; treasurers, E A Shuttleworth, '91, and E W Gibson, '94; directors, H. G Woodruff, '91, G L Andrews, '93, and L C Hulburd, '94. In 1892-93, the officers were presidents, G E Storrs, '94, and C A Plumley, '96, secretary, C D Whiteside, '94, treasurer, H C. Mosley, '95 The officers for 1893-94 were, presidents, A H Cushman, '96, and C S Carleton, '96, secretaries, W. P. Beauclerk, '96 and H C Holden, '94; treasurers, A. G. Andrews, '96, and P. R. Hoefler, 95 In 1894-95 the officers were president, C. E. Walker, '97, and C J. Scribner, '96, secretary and treasurer, R. S Dowe, '95, and P S Howes, '96 The officers for 1895-96 were president, E. M. McCarty, '96, secretary and treasurer, P. A. Dinsmoor, '98, advisory committee, Prof. J. B. Johnson, '79

In 1896, the corps voted to place the management of the reading room in charge of a committee consisting of two members of the faculty and one cadet, and to have the reading room dues of fifty cents a term placed on the regular term bill One cadet was selected each year to act as custodian C E Walker, '97, acted in this capacity in 1896-97 This arrangement for conducting the reading room continued until 1902, when a regular librarian was employed. In the fall of 1902, a modern reading room was opened in Dewey Hall, and the number of periodicals and newspapers was gradually increased from 50 to 150 In 1908, on the occupation of the Carnegie Library, the reading room was moved to the new building. During Professor Roberts' term of service as librarian he spent much time in developing the reading room, and since 1902, as a member of the library committee, he has given valuable assistance in making the reading room a model of its kind.

Museum.

Upon the completion of Dewey Hall in 1902, the large room on the east side of the first floor was fitted up for the museum.

The first valuable gift was the Dr. P D Bradford Geological Collection, presented to the University on June 30, 1892 In the spring of 1904, this collection was moved to the musem.

In the summer of 1897, the historian of the college secured from Mrs. W. E. Lewis of Norwich, the gift of the sabre and pistols worn by President Truman B. Ransom, '25, in the battle of Chapultepec, Mexico.

In the spring of 1900 the University received from the War Department the state trophy, one of the large guns used on the *Viscaya* and captured by the fleet under command of Rear-Admiral Sampson, July 3, 1898. It is marked with the following inscription: *Trophy of Viscaya, Santiago, July 3, 1898, C. M., I. R., Artilleros del Nerown, Bilbia,* 1894. Capt. W. B. Carr,

State Trophy from Santiago

U. S. A., '97, contributed the funds for mounting the gun; and it is now placed on the north-west brow of the Hill overlooking the peaceful Dog River Valley, a grim reminder of triumphs of the U. S. Navy.

In 1902, Gen. Charles A. Coolidge, '63, presented the University a valuable collection of Chinese armor taken from the Palace of the 7th Prince of the Royal blood in Peking; also a valuable collection of bolos and war implements from the Philippine Islands. Capt. C. W. Mead, '81, contributed bolos and war implements from the Phillippines; also a United States flag made by the natives, and a Filipino flag captured by him in battle. Rear-Admiral Colvocoresses presented armor piercing shell from the historic *Olumpia*. In 1902, Gen. Edmund Rice, U. S. A., '60, pre-

sented a small brass cannon of ancient make, which was captured by his regiment in the Philippine Islands

In 1903, a "friend" contributed the money to fit up the museum with modern cases Mrs Jesse A Cove, of Concord, N H, presented a collection of Indian relics, collected by her husband Hon Frank Plumley contributed some ancient guns used in the Venezuelan Army Col W A Treadwell, '57, presented a valuable collection of minerals and George C Randall, '04, a collection of bird's eggs

In 1904, through the influence of R H Ford, 92, the Central Vermont R R presented the shovel that was used in turning the first sod in the construction of the road in 1846 Mr. George E Edson, '76, presented a large collection of minerals Prof C. C. Bull, H E C Ramey 04, and F H C. Graves 07, and others made valuable donations In 1907, Lieut A. R Williams, U S A, '03, presented a Polajan battle flag, captured by him in battle and Lieut L. A I Chapman, U S A, gave several war implements from the Philippine Islands In 1908, Mrs Allan D. Brown presented the original letter from Admiral Dewey, U S N, '55, endorsing the Dewey Hall project In May, 1904, the librarian through Admiral George A. Converse, U S N, '63, secured the following guns one Hotchkiss Revolving Cannon, No 22, 47 millimeters, two Maxim-Nordenfelt, Nos 1437 and 1239, 11 millimetres, one Lowell Battery gun, one brass Gatling on tripod, one Hotchkiss revolving cannon, No 68, 37 millimetres, one Hotchkiss revolving cannon, No 10, mounted on carriage, 37 millimetres, two, three-inch rifle guns, three, 12-pound Armstrongs, carriages and limbers, one Maxim-Nordenfelt, No 4213, 42 millimetres, one Maxim-Nordenfelt, No 4221, 42 millimetres one Mauser, No 1471, 7 millimetres, mounted on carriage The Maxim-Nordenfelt guns were trophies captured at Manila, P I

Beginning with 1895, many portraits of the alumni have been secured by the historian of the University for the chapel One of the most valuable gifts, was the painting of Gen T E G Ransom, '51, presented by Hon P T Sherman of New York City This painting was owned by Gen W T Sherman, U S. A and kept by him in his library for many years.

Summer Schools 1901-1910

The first summer school, since the days of Captain Partridge was held immediately preceding the opening of the college year, 1901 The work consisted of a short railroad survey in the vicinity

Summer School, 1909.

of the University for the seniors; and the topographical surveying of a tract of land for the juniors This first school was for a period of three weeks This school and the next three which followed were under the charge of Professors A E Winslow and C S. Carleton, assisted in some cases by cadet assistants The field equipment was not sufficient to equip the students and transits were rented

From 1901 to 1905, each year, a short railroad line was run, preliminary and location surveys made, plans, profiles and cross sections drawn The juniors each year have made a topographical survey and drawn maps of some area, locating all natural features, such as rivers, roads, houses, contours, etc.

In 1904, the length of the term was changed from three to four weeks In 1905, Professor Winslow had charge of the school, being assisted in the field by Mr F W Denison, '98, and Mr. M M Stocker, '03 Under Mr Denison's direction a survey was made to connect the quarries on the southeasterly slope of the valley, in the vicinity of Northfield, with the Central Vermont Railroad This project was known as the Vermont Black Slate Railroad, and afforded real, practical work for the classes making the study, as complete plans profiles, and estimates were made. This project took up the time of the next two schools of 1906 and 1907, being under the direction of Professor Winslow, assisted by Mr F W. Denison in 1906, and Mr F N. Tinker, '06, in 1907, respectively When completed, the Civil Engineering department had plans, profiles and estimates for a railroad from the Edgerton quarry, (the most northerly) through the Vermont Black Slate Co. quarries and South Northfield to the Central Vermont Railroad in the vicinity of Elbow Bridge

The topographical work was continued much as in preceding years under the direction of Professor Carleton in 1906, and Mr Stocker in 1907 Permanent stations were established and the inside surveys were tied on to these stations

In 1908, Professor Winslow had charge of the school, with Mr H M. Hobson, '02, and Mr Stocker assisting in the field This year the "Stony Brook Railroad" project was started This survey leaves the Central Vermont Railroad in the vicinity of Harlow Bridge and follows Stony Brook north and west About two miles of line was surveyed, complete plans, profiles, and estimates made This year a permanent base line was measured on the Dog River Fair Association grounds and was used to establish a permanent system of triangulation for the topographical surveys, with an idea of mapping the valley of the Dog River

Professor Winslow had charge of the school in 1909, being assisted by Professor Carleton in the office, and Mr. J. S. Smith, '09, in the field. This year the senior school was held immediately following commencement and the junior school immediately preceding the opening of the college year. This was the first school held entirely in the field. A camp known as "Camp Williams," was established at the Red School house in the Dole District, and the students were required to live under tentage in a way very similar to that existing in railroad camps of the present. The period of four weeks was spent on the survey of the Stony Brook

Summer School, 1905.

Railroad. An office was set up and all drawings, computations, etc., were made in the field; about two miles of railroad were surveyed, plotted, and estimates of cost prepared.

Professor Carleton had charge of the junior and sophomore schools, being assisted by Professor Winslow in the office, Mr. C. N. Barber, '08, and K. F. Stebbins, '10, in the field. The general survey of the valley was continued and tied on to the outside triangulation system. The previous surveys were all assembled into a general map to the scale of two hundred feet equals one inch, the whole topographical survey being put on to a systematic basis.

In 1910, the school, immediately following the commencement, was in charge of Professor Winslow, Professor Carleton assisting in the office and Professor L. E. Dix in the field. "Camp J. B. Johnson" was established on the line of the Stony Brook Railroad and the four weeks were spent in making reconnoissance, preliminary and location surveys on that line. Plans, profiles, and

estimates were carefully prepared for about two and one-fourth miles of the line. It was found necessary to introduce a tunnel of about fifteen hundred feet in length which gave excellent practice.

Professor Carleton had charge of the junior and sophomore schools this year, being assisted by Professor Winslow in the office and Professor Dix and Mr. Stocker in the field. The same general work as in 1909 was followed with a plan to connect the topographical work along Union Brook with the Stony Brook Railroad survey. Much triangulation was necessary so that now the department has

Sophomore Class, Summer School, 1910.

a complete system of triangulation surrounding the village of Northfield. In addition to the above, municipal surveys of the streets on the west side of the river were made, plans, profiles, etc., were prepared.

In all the sophomore schools, the first principles of surveying have been taught, intending to make the student proficient in the use of all kinds of instruments and conversant with the methods of surveying, including the determination of areas. Also, much bench levelling has been practiced until now the department has a system of permanent benches extending for miles into the surrounding country. Road surveys have been made far into the

country, drainage problems studied and much general surveying practiced The equipment for field practice has constantly increased during the period covered by the summer schools until the department now has eight transits, five levels, one plane table, one theodolite, seven compasses, camp equipment such as tents, cooking untensils, etc , and many small instruments

Beginning with 1887, the classes in Geology have done much work in the field, making excursions to the slate, granite, soapstone, and marl deposits in Northfield, the verde-antique marble quarry in Roxbury; the talc mines in Granville, and Moretown; the copper mines in Vershire and Strafford, Vt.; and the granite quarries in Barre and Bethel, Vt

The work of the University is recognized by the State Board of Education and the graduates are entitled to a teacher's certificate without examination

Military Organizations

The organization of the corps of cadets continued in this period as in chapter VI, until 1890, when two companies were formed The service calls have remained during this period, practically the same as given in the previous chapters During 1885–95, the cadet commissioned officers were taken from the senior class, and the non-commissioned officers from the junior and sophomore classes, the promotion depending upon a general average of scholarship In 1900, the promotions were made dependent upon five "counts," the academic standing and deportment being two counts and the military standing three counts, this arrangement making it possible for a lower class man to have under his command cadets of a higher class than his own. In 1903, owing to the largely increased attendance, the corps was organized as a three company battalion, and a cadet major was appointed, George C. Randall, '04, having the honor of being the first to hold the office In 1907, the corps was made a four company organization The rules and regulations have remained practically unchanged, excepting that Major H W. Hovey introduced a merit system, which gave the men more freedom.

The commandants for this period are: Capt W M Rumbaugh, Capt John C. Wait, Lieut E H Catlin, U. S A , Lieut Jesse McI Carter, U S. A , Lieut H C Keene, U S A . Maj. Henry W. Hovey, U S.A , Cadet Captain Arthur E Winslow (acting), Capt. John P Moseley, V N G , Lieut Charles H Cabannis,

U S. A, Capt C S Carleton, V. N. G, Capt L A I Chapman, U S A, and Maj L P Bayley, V N G

In 1888, the commissioned officers of the corps first attended the school of the officers of the state militia On December 8, 1902, the state legislature passed an act (q v) allowing the commissioning of the graduates as additional 2d lieutenants in the National Guard Since 1896, there have been many changes in the work of the Military department, from the idea advocated by Captain Partridge The tendency has been to make Norwich a military post. In 1905, a board of discipline was formed consisting of four cadet officers, who served for a period of one week, and tried all breaches of the rules and regulations, thus relieving the Commandant and faculty of this work In 1906, this mode of disciplining was changed to the court martial System, as carried out in the U S Army Three courts were formed the Summary, the Garrison and the General The first court holds sessions each day, and the other courts as the cases require

Soon after the detail of the U S Army officer as commandant and professor of Military Science and Tactics, the corps has been inspected each year by an U S Army officer In 1893, Col R. P. Hughes in his report placed the University at the head of all the institutions in his inspection territory In 1904, the U. S War Department began grading the various military schools and Norwich has held the distinction of ranking among the "six most distinguished"

In 1905, for the first time, a detachment of cadets, under command of Lieutenant B P Hovey, '06, attended the annual state muster at Burlington This detachment took with them the three Hotchkiss cannons and fired all the various salutes.

From 1906, much attention has been paid to out-post duty and field problems On November 22, 1906, the state legislature passed an act (q v) allowing the enlistment at the University of a battery of field artillery, a company of signal corps, and a company of engineers, to be properly officered and equipped in accordance with the requirements and provisions of the acts of Congress relating to such organizations The corps was soon reorganized to conform to this provision, greatly increasing the revenues of the institution In September, 1906 the Signal Corps was designated as the "Platoon of Signal Corps" On October 21, 1907, it was made a company organization and designated as Co. D, of the corps of cadets It also became Co A, Si

In 1910, the trustees voted to have a permanent commandant, thus relieving the professor of Military Science and Tactics of the duties of that office; and in the fall of that year Mr. L. P. Bayley of the class of 1909, who had served one year as assistant commandant of the St. Thomas College, St. Paul, Minn., was elected to the position.

In November, 1910, the organization of the corps was again changed by the act of the legislature (q. v.) allowing the enlistment of one company of Signal Corps, and a squadron of cavalry. This act also provided that the commandant, when not an U. S. Army officer, should hold the rank of major in the Vermont National Guard.

Squad of Cavalry, 1910.

The corps has been supplied with the latest equipment by the Government. In June, 1903, the Krag-Jorgensen rifles were issued to the men. In June, 1904, the two Hotchkiss mountain cannon were received. In 1907, the latest model of the U. S. magazine rifle was issued to the corps replacing the Krag-Jorgensen. In May, 1907, the regulation Khaki shelter tents were issued to the Institution. In December, 1907, the following equipment was received from the U. S. Government: four 3-inch breech loading rapid fire field guns, model, 1905; 8 caissons for guns complete; 1 battery wagon and field forge; 1 store wagon; 14 carriages; 42 sets artillery harness complete with saddles, blankets, etc.; 20 sets cavalry equipment complete; 120 revolvers, revolver holsters and belts; 120 field mess outfits complete; 120 sets field equipment complete. The guns were absolutely

the latest type, fitted with bullet proof shields, range finders, etc.

In 1892, a squad of cavalry was organized by Lieutenant Kimball, U. S. A., which was maintained for a short time The matter of forming a troop of cavalry was discussed at various times, but nothing definite accomplished until 1909, when ten horses were bought Several citizens of the state became interested in the matter and gave funds for the purchase of horses. Mr Maxwell Evarts presented the University his famous stallion, "Emperor" Since the first purchase the University has maintained a stable of from twenty to thirty-four horses An effort is being made to secure Morgan horses which for many years made Vermont famous throughout the country The organization of the cavalry has done much to interest the corps in the military work and the cavalry drills have been among the most interesting feature of the commencement day drills, and the drills at the state fair

In 1891, the University secured the old Universalist church at the Center, which was used for a short time as a drill hall, and during the winters of 1894–'97 the Armory Hall in the village was used For many years the corps of cadets has taken an important part in the observance of Memorial Day in Northfield

Uniforms

The following quotation from the Regulations of 1887, gives the description of the uniform worn during 1885–92

"Coat A single-breasted coatee of dark blue cloth, the skirt to extend one-half the distance from the hip joint to the bend of the knee, with shoulder straps of the same material There shall be three rows of nine University buttons in front, the lower outside buttons to be three inches from the eye of the middle button, each succeeding outer button, up to the fifth, one and one-fourth inch farther outside the center row, the sixth the same as the fifth, and the seventh, eighth and ninth each about three-fourths of an inch nearer the center than the next preceding, stand up collar trimmed with gilt lace, to rise no higher than to permit the chin to turn freely over it, to hook in front at the bottom and slope thence up and backward at an angle of thirty degrees on each side, corners rounded, cuffs three inches deep, to go round the sleeves parallel with the lower edge, and with five small buttons at the lower seam, two buttons at the height of the hip, three buttons, placed lengthwise on the skirts down the plaits, terminating with an additional button at the end of the skirts, flap at the top of the skirt, five inches long and three-fourths of an inch wide, ends slanting with skirt, buttons under lower edge, showing one-half of surface below flap, set at equal distances along flap, l

"Sack Coat A sack coat of dark blue cloth or flannel, cut in the army style with University buttons, is allowed and recommended for ordinary wear, as economical and likely to save the wear of the more expensive dress coat, no braid or outside pockets

"Trousers Dark blue cloth, with light blue stripe an inch and one-quarter wide, with fly front, no front pockets, medium sized leg and bottom

"Cravat Black, the tie not to be visible at the opening of the collar

"Caps For all cadets For full dress, army helmet with gilt ornaments, forage cap, pattern U. S. Army.

"Badges of Distinction For officers Russian shoulderknot For a captain, two silver embroidered bars on each knot For a first lieutenant, one bar For a second lieutenant, none

"For non-commissioned officers The rank of non-commissioned officers will be marked by chevrons upon both sleeves of the uniform coat, above the elbow, points down, of light blue cloth, divided into bars a half inch wide, piped with red

"For 1st sergeant three bars and a lozenge For a sergeant, three bars For a corporal, two bars For a principal musician, three or two bars, (according as he ranks as a sergeant or corporal,) with a bugle"

In 1892, the stripes and badges of distinction were changed to red, and in the same year the ornaments worn on the caps were changed to crossed cannon In the spring of 1895 the campaign hat was first worn by the corps, and in 1896 the old frock or drill coat of many buttons was discarded In the spring of 1905, the full U S. campaign uniform was introduced consisting of a campaign hat, olive drab shirt khaki breeches and leggins Since 1905 several changes have been made in the uniform to conform to that worn by the U S Army During 1885-1900, the uniform prescribed for the faculty was that of the Staff of the U S Army with the Vermont button, except where a professor was an officer of the U S Army or of the state militia, in which case he was allowed to wear the uniform of his arm and grade On November 13, 1900, the faculty was given local rank by the state legislature as follows "Assistant professors, the rank of second lieutenant, professors the first five years of service as such, the rank of first lieutenant, for the second five years, the rank of captain, after ten years, the rank of major, after twenty years, the rank of lieutenant colonel, the president shall have the rank of colonel, all without pay from the state."

In 1887, the corps was invited to visit Chelsea and take part in the observance of Memorial Day They left the barracks at 6 A M, in two four-horse teams, the members of the faculty, band and baseball team going in one team and the remainder of the corps in the other The band played several selections while passing

through Brookfield Chelsea was reached at 11 30 A. M , and the corps were met by a committee consisting of W W H. Hall, '47, and Dr Goss, father of H H Goss, '88 They were escorted by the Sons of Veterans, under command of Capt H O Bixby, to the town hall, where the ladies of the town served them with dinner

At 1 30 P. M , the corps, preceded by their band, escorted the veterans of the G A R and citizens to the cemetery, where Memorial Day services were observed In the afternoon the base ball team played a game with the town team At 7 P M , the corps gave an exhibition drill, and at 8 P M. the band gave a concert in the town hall The next morning at 8 A. M they returned to Northfield, *via* Williamstown The cadets had a most enjoyable time on this trip, the first visit of the corps to that town since July 6, 1845 The fine appearance of the corps proved of great value to the University, as several young men of Chelsea and surrounding towns were influenced to enter the Institution in the fall

On October 14, 1888, the corps visited Montpelier and drilled before the legislature, thus reviving the custom established by Captain Partridge years before From that date the corps has drilled before the legislature at each session These biennial visits have been productive of much good to the University, as it has enabled the members of the legislature to see for themselves the work carried out at the Institution in developing the men physically, and in training the men for a *citizen soldiery*

Marches and Encampments

In 1888, the custom of the cadets going into camp was revived and has been continued to date From 1888 until 1905, the encampment was held on the University grounds just previous to the annual commencement and lasted from seven to ten days.

In 1905, Major H W Hovey, U S A , revived the custom of taking practice marches It was at first planned to march to the west side of the state through Warren, Granville, Hancock to Middlebury, and then to Fort Ethan Allen, thus in part going over the old route followed by the corps many years ago, but a shorter route through Roxbury, Warren, Waitsfield, to Waterbury, then to Montpelier and Northfield, was finally decided upon

The corps, organized as a three company battalion, under command of Major Hovey left the barracks about 1 P M Tuesday, June 6 They camped that night in Roxbury on the square before the depot The next day the march led over the mountain to Warren

up the steepest pitches and the corps was obliged to give assistance. The cadets camped in Warren village, staying over one day. The time was spent in drills and a game of ball was played with a local team Thursday afternoon, resulting in a victory for "N U"

Friday morning the corps marched down the Mad River Valley to Waitsfield and camped in a pasture near the village. The next day camp was moved to the old fair grounds, where Sunday was spent On Monday, the 12th, the march was continued to Waterbury where the corps camped on the Winooski Valley Fair Grounds. The next day they proceeded to Middlesex and camped near the Almon power plant On Wednesday, the 14th, the corps marched to the state arsenal grounds in Montpelier, where they camped that night. In the afternoon a game of ball was played with the Montpelier Seminary team, several drills were also given.

All the tentage and heavy baggage was left at the state arsenal the next morning The corps in light marching order, proceeded to Northfield, reaching the barracks about 4 30 P M As they neared the village they were met by the Northfield Cornet Band, who escorted them to the barracks The battalion was commanded by Major H. R. Deal, the companies by Captains E A. Lawrence J C Ross and P. C Sinclair

The second annual practice march began June 4, 1906, when the corps of cadets, under Cadet Major B P Hovey, left Northfield with the idea of marching to Fort Ethan Allen. Camp was made the first night at West Berlin on the farm of R B. Denney, '91. The next day they marched to South Duxbury intending to spend one night and then go to Jonesville Rain, however, compelled them to stay over Wednesday, and not until Thursday morning was the march taken to the latter place They arrived at the farm of Professor Balch, (q v) about noon, and went into camp on the banks of a beautiful stream, well back from the highway. Again rain interfered, and Friday, the 8th, was spent in camp. After a consultation of those in authority it was determined that to continue the march to Fort Ethan Allen would be impracticable without making a Sunday march, which Major Hovey was unwilling to do, so instead of going on to the Fort, the corps turned back toward Northfield, Saturday, and that afternoon went into camp again at the South Duxbury camp ground There they remained over Sunday, and on Monday left for Montpelier, arriving about noon. They stayed in camp Monday night and Tuesday The camp ground at Montpelier, a large level meadow, afforded excellent opportunities for drill and the time Tuesday was spent in

practice drills for commencement Wednesday morning the state equipment was turned in at the state arsenal and the corps reached Northfield during the afternoon On account of the unpleasant weather conditions, the march was neither as long nor as agreeable as had been expected, but the men came in in good condition and in good spirits

The march of 1907 commenced Monday, June 10th, when the corps left Northfield about 8 20 in the morning with the idea of making a circuit around to the east. They marched that forenoon to Montpelier, and went into camp on the arsenal grounds. The night was spent there and Tuesday morning the march was taken to Barre, where they camped on the trotting park On Wednesday they went to Williamstown, camping in the heart of the village near the railroad station That afternoon a ball game was played between the University and the Williamstown teams The result was a decisive victory for the cadets, although the game was characterized more by horse play and good rooting than by good ball playing Thursday morning the corps left for Brookfield, going down through the beautiful Williamstown Gulf Camp was made in the afternoon, back from the village, on a hillside overlooking the pond, one of the most beautiful sites occupied on the march Friday, the march was made to Northfield by way of East Roxbury Instead of going into barracks the cadets marched to the Company F rifle range and went into camp there for the five days target practice The corps on this march were under the command of Cadet Major Harry C. Pratt, and Lieut L A I Chapman of the 1st Cavalry, the commandant having general charge and Capt H C Moseley and Professors Woodbury and Spear being present as guests

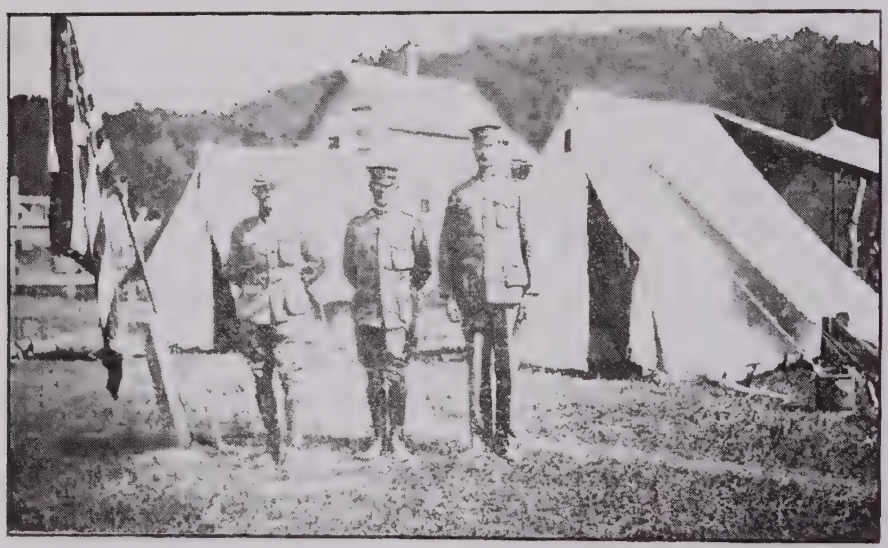
For various reasons it was deemed best to change the time of the annual march, taking it in the fall instead of the spring, chief among these reasons being the impossibility of securing adequate camp grounds in June, on account of the destruction of crops So, the consent of the Governor having been obtained, it was decided to make the march include a visit to the state fair. In accordance with that idea the corps left Northfield by special train on the early morning of Tuesday, October 1, and rode to the fair grounds at White River Junction They arrived there late in the forenoon, and went into camp on a knoll just above the principal grandstand Every day during the fair they gave exhibition drills of various kinds on the oval before the grandstand, usually holding retreat and evening parade exercises there also

For the rest of the time the formations took place inside the camp, but all the routine and restrictions of the regular camp were followed. After the drill on Thursday afternoon march was made down town, and the corps entrained for Northfield arriving in the evening. These three days comprised the first part of the march which was completed the following June, when on Friday, June 8, 1908, the corps left for Snowsville, marching on the 9th to Randolph, where they stayed over Sunday. Starting back on Monday, the 11th, they went into camp on the farm of Mr. Webb at East Granville. Here they remained until the next evening, when at 7.30 they marched to Northfield. This march was not only a night march, but was made in the rain, and the corps were very glad to reach dry beds in the barracks. Cadet Major W. P. Fraser was in command on both these marches.

It is perhaps unjust to speak of the march of 1908 as a "march," inasmuch as the only actual marching done was from Brattleboro to South Vernon and return, a total distance of about 10 miles. On Tuesday, September 22, the corps left for White River Junction, going into camp on the state fair grounds in the same place occupied the previous fall, Cadet Major Rowe being in command. The order of drills and other exercises did not differ materially from that given in the previous year, although the corps remained at the fair grounds one day longer than before. On Saturday morning, the 26th, they took train for Brattleboro, where they were to be guests of the Valley Fair Association. They arrived here soon after noon and went into camp in a beautiful grove of pines on the further side of the fair grounds. Here they remained over Sunday, and through the fair, which opened Tuesday. On Monday, the 28th, a march was made to South Vernon to inspect the new dam which was being constructed across the Connecticut at that point. The drills and exercises at Brattleboro were similar to those given at White River Junction. Too much cannot be said for the hospitality and generosity of the people of Brattleboro and the officials of the power company and of the fair. They made the experience a memorable one for all who were present. The return to Northfield was made by special train Thursday, October 1.

In 1909, the corps left Northfield by special train Tuesday, September 21, arriving at White River Junction fair ground about noon. Camp was made here on the north side of the track, a different and rather better location than in previous years. They remained here until Saturday morning, September 25, being detained one day by rain. March was taken early in the morning

through West Hartford and Sharon to South Royalton, where they arrived in the afternoon after a march of about nineteen miles. Although cordiality had been the uniform custom on the part of the people of the towns in which the corps had stopped, the people of South Royalton were unusually kind, a very pleasant feature of the visit being the cordial invitation and treatment on the part of the churches. Remaining over Sunday, the cadets left Monday morning, in spite of a disagreeable rain, for Bethel, where they arrived during a lull of the showers about noon. Camp was made in a beautiful meadow on the west side of the town and the day very pleasantly passed. During the evening a mass meeting was



Headquarters, State Fair, 1910.

held in honor of the departure of the football team, and in memory of the death of Clarkson, whose life was sacrificed two years before. As a mark of respect for him, and of honor to the corps, the camp was named "Camp Leonard J. Clarkson." On Tuesday, the 28th, the march was made to Randolph, also in mud and rain. There the corps went into a wet camp on the baseball grounds. A bright sun was welcomed Wednesday morning, and the corps with new courage undertook the eighteen mile hike into Northfield, where they arrived in the early afternoon. On this march Cadet Everett Collins was in command and for the first time a part of the corps were mounted, the men who had taken the course in horsemanship riding, on different days. The use of horses also caused a variation in the drill. All the usual infantry evolutions were

performed and in addition the cadets gave exhibitions of mounted fencing and wrestling.

The practice march of 1910 commenced September 19, when Troop B, the mounted part of the corps left Northfield for White River Junction, the remainder of the men leaving by special train early Tuesday morning, the 20th The camp ground was the same as occupied on the 1909 march and the corps stayed throughout the fair, giving each day a review and infantry and cavalry drills

Late Friday afternoon, the 23th, the command left the fair grounds for West Hartford, reaching there after dark and spending the night in shelter tents At 8 00 o'clock the next morning they were on the march to South Royalton, where they arrived in the early afternoon Soon after making camp it began to rain and continued until Monday morning On Sunday, the corps remained in camp, and Monday resumed the march to Bethel The monotony of tramping through the mud was varied by the working out of a field problem It was planned to make the march on Tuesday from Bethel to Randolph, and on Wednesday from Randolph to Northfield, but owing to the rain which still persisted, it was decided to make the entire distance, twenty-seven miles, in one march This was accomplished and the men arrived in the early evening in good condition, after one of the longest marches of which we have record in this or any other similar institution The cadets on this march, were under command of Cadet Major H J M. Smith and were accompanied by Capt. Frank Tompkins, U S A, Commandant L P Bayley, Lieut H A Whitney, M D, and Sergt. John Cody, U. S A

Austin Trophy.

In 1887, was given the first systematic attention to target practice Mr E. O Thurston offered a prize for the best single shot, and on June 20, the contest was held on the land now owned by Prof. E. A Shaw '91, at the Center. The cadets making the highest scores were Fred E Lamb, '89 and Charles F Parker, '90

The second contest was held at the same place on June 11, 1888; H R Chadwick, '91, made the best score In 1889, the contest was held on June 24, C G. Dole, '91, making the highest score in the final contest. These contests were discontinued until 1895.

In April, 1895, Capt. Fred T. Austin, U S. A, '88, renewed the custom of target shooting by offering a trophy consisting

of three medals, gold, silver and bronze under the following conditions

"1 The shooting shall be at 200 yards only

2 Each cadet of the three lower classes shall fire the same number of shots in preliminary practice of 200 yards

3 The ten cadets making the best aggregate score at the preliminary practice shall constitute the team to shoot for the trophies

4 Each contestant shall fire twenty shots and the cadet having the highest aggregate score shall be declared the winner of the first prize The next two men shall be awarded the second and third prizes respectively.

5 Cadets of the senior class will not be allowed to shoot for the trophies.

6 A senior, who may be holding a medal, will be allowed to defend it, and should he succeed in the competition, he will be given a substitute medal in place of the trophy which will be his personal property, and the trophy will be given to the cadet holding the next highest score

7 The trophy will he beld by the winner until the next contest"

Preliminary contests have been held in June, each year and the ten men, making the highest scores, have been selected for the final contest on some day in commencement week, usually Tuesday The winners of the prizes are as follows June 25, 1895, A G Andrews, '96, first, F W Denison, '98, second and W B Carr, '97, third, June 22, 1896, Allen N Goodspeed, '98, first, L J Parker, '98, second, and H. K Brooks, '99, third, June 29, 1897, L J Parker, '98, first, F L Aldrich, '99 second, and J W Cook, '98, third, June 28, 1898, H K Brooks, '99, first, R W Dunsmoor, '00, second and D M Barclay, '01, third; June 26, 1899, R W Dunsmoor, '00, first, D M Barclay, second and G D Murch, '02, third, June 26, 1900, H A Chase, first, S. J. Parsons '03, second and L A Chase, '03, third, June 24, 1901, E A Chase, '03, first and H A Chase '02, second each scoring 75; R F Barker, '03, third, June 23, 1902, Seth Williams, '03, first, J H. Foster, '03, second and E A Chase, '03, third, June 22, 1903, R L Gilman, '04, and H. J Betterly, '06, first, E A Chase, '03, third, successfully holding the prize two years; June 17, 1904, H. J Betterly, '06, first, R L Gilman, '04, second and W J Martin, '07, third, June 19, 1905, C A Tenney, '06, first, J H Mears, '07, second and G W. Cobb, '07, third, June 18, 1906, C A Tenney, '06, first, F. E. Stowe, '08, second and J H Mears, '07, third, June 24, 1907, W J Schakowski, '10, first, C. N. Barber, '08, second and F. S Stow, third In 1908 no contest was held, June 19, 1909, D. H B Starr, '11 first R F Walbridge '11 second and T N Rumbee

'11, third; June 20, 1910, R P. Lynde, '11, first; D. J. Smith, '11, second and R E Walbridge, '11, third

The prizes have done much to stimulate the interest in marksmanship and there has been great improvement in the scores made by the men. So far only three cadets have been able to successfully defend their medal. E. A. Chase, '03, successfully defended his medal in 1903, C A Tenney, '06, in 1906 and J H Mears, '07, in 1907.

Expenses.

One of the distinctive features of the University is the reasonable expense, which is lower than at any other institution in New England While the expenses at the various colleges of the country have been greatly increased there has been but a small advance in the fees at Norwich

From 1881 until 1892 tuition was $15 a year and from 1892 to date $65 From 1884 until 1906 room rent was $15 a year On the completion of Alumni Hall in 1906, room rent in the building was placed at $25 a year; and on the renovation of Jackman Hall, in 1908, rent in that building was increased to $25.

During 1884-86, the library fee was $3 a year and the incidentals $5 In 1886 these two items were consolidated and this charge reduced to $5 a year. In 1900 it was increased to $10 a year, in 1901 to $12 and in 1903 to $15 In 1903 the reading room and library fee was made a separate item of $3 a year.

Since 1901, the general engineering fee for the sophomore, junior and senior classes in Civil Engineering has been one dollar a term, physical laboratory fee for all the sophomore classes $3 a term, electrical engineering fee for the junior and senior class in that course $3 a term The fees for the Summer School of Engineering from 1901 to date, have been as follows. sophomore classes, tuition, $5, room rent, heat and lights, $3, junior and senior classes, tuition $10, room rent, heat and lights, $6, specials, $25, covering all fees

Until the installation of the steam heating plant in Jackman Hall in 1896, the cadets used stoves for heating and were obliged to attend to this work themselves For many years the athletic work received from the various drills was supplemented by the daily exercise of bringing wood and coal from the historic sheds in the basement to the rooms This work, and the care of the old kerosene lamps, added much labor to the daily routine of the cadet, and the coveted "100," on room inspection on Sunday mornings

by the commandant, was much harder to obtain than it is today, as each stove had to be carefully polished, the lamps thoroughly cleaned and the rough floors washed

During 1896-1903 the charge for heat and lights was $18 a year; during 1903-05, $21, and during 1905 to date, $25 Beginning with 1906 the University has furnished the rooms with the necessary furniture at a cost of $10 a year Board and laundry at the Mess Hall was $117 a year during 1899-1901, during 1901-02, $227, and 1902-03, $233 In 1903, the historic Mess Hall was discontinued, since which date the cadets have boarded at their Fraternity houses, or in town, the price ranging from $3 to $4 a week. Several of the cadets have practiced self-boarding at a price ranging from $1 25 to $2 a week

Prizes and Medals.

The Senior Gold Medal is conferred upon the member of the senior class who has the highest academic standing from entrance to graduation The cadets winning this medal are as follows

'96, Averill, James Leland
'91, Booth, Alfred Franklin
'01, Clark, Harry Guy
'09, Clark, Walter Lucas
'95, Davis, Fred Carnot
'98, Dinsmoor, Paul Addison
'90, Dressel, Herman, Jr.
'03, Fuller, Samuel Leslie
'93, Gaynor, Eben Watson
'06, Gilman, Dana Howes
'88, Johnson, Luther
'89, Lamb, Fred Ellsworth
'05, Lawrence, Ernest Allen
'99, Moseley, John Pool
'07, Pratt, Harry Chadwick
'05, Randall, George Christopher
'00, Richmond, Harold Samuel
'92, Ryan, Edmond Henry
'94, Smith, Raymond Underwood
'10, Stebbins, Kenneth Foster
'02, Stebbins, Lawrence Bernard
'08, Stowe, Frederick Stevens
'97, Walker, Charles Ernest

In 1897, Mr George D. Thomas of the class of 1876, began giving a gold medal to the cadet who has the highest average for the year ending with the close of the winter term. The present

tion is open to the three upper classes The cadets winning the medals are as follows

'12, Baker, Harold Tower, in 1910
'01, Carr, Dean Orris, in 1901
'01, Clark, Harry Guy, in 1900
'09, Clark, Walter Lucas, in 1908 and 1909
'07, Pratt, Harry Chadwick, in 1907 and 1907
'05, Lawrence, Ernest Allen in 1903 and 1904
'99, Moseley, John Pool, in 1898 and 1899
'04, Randall, George Christopher in 1902
'08, Stowe, Frederick Stevens, in 1906
'97, Winslow, Arthur Ellsworth, in 1897

Since 1897, Capt E A Shuttleworth, U S. A , of the class of 1891, has given a regulation foot officer 's sword to the member of the junior class having the highest standing from entrance to the close of the winter term of the junior year. The winners of this sword are as follows

'09, Clark, Howard Theodore, in 1908
'10, Collins, Everett, in 1909
'98, Duggan, Charles Edward, in 1897
'99, Eaton Charles Horace, in 1898
'03, Foster, John Harold, in 1902
'06, Hovey, Bradford Pierce, in 1905
'05, Lawrence, Ernest Allen, in 1904
'08, O'Donnell, John Edward 1907
'07, Pratt, Harry Chadwick, in 1906
'04, Randall, George Christopher in 1903
'11, Richmond, Neal Willard, in 1910
'00, Sibley, Benton William, in 1899
'02, Watson, Guy Henry in 1901
'01, Wheatley, Charles Edwin, in 1900

During 1899-1901, the President of the University gave an athletic medal to encourage the interest in field sports The winners of the medal were Francis Byron Judd, '03, in 1901; Henry Ward Orser, '02, in 1899 William Oliver Tuck, Jr., '04, and Francis Bowen Upham, '03, in 1900.

In 1900, to further increase the interest in baseball, Hon. E R Juckett, M. S., of the class of 1889, began giving a gold medal to the member of the team, either regular or substitute, who has the highest academic standing for the year. This medal has been won by the following men

'08, Brown, Thomas Wolcott, in 1905
'09, Clark, Walter Lucas, in 1907 and 1908
'07, Mears, John Herbert, in 1904 and 1906

'11, Richmond, Neal Willard in 1909
'02, Stebbins, Lawrence Bernard, in 1901
'06, Tower, William Amos, in 1903
'03, Williams, Seth, in 1900

Since 1899, a silver medal has been given to each of the three members of the sophomore and freshman classes, whose general average, military standing and academic, respectively are the highest The winners of the sophomore medals are as follows:

'06, Betterley, Hugh James, Military Standing in 1904
'12, Cannon, Samuel Clark, Military Standing in 1910
'12, Baker, Harold Tower, Academic Standing and General Average in 1910
'01, Carr, Dean Orris, General Average and Academic Standing in 1899
'09, Clark, Frank Sheldon, Military Standing in 1907
'09, Clark, Howard Theodore, General Average, and Academic Standing in 1907
'10, Collins, Everett, General Average, Academic and Military Standing in 1908
'08, Frazer, Willis Percy, Military Standing in 1906
'06, Gilman, Dana Howes, General Average, in 1904
'06, Edgerton Halsey Charles, Academic Standing in 1904
'06, Hovey, Bradford Pierce, Military Standing in 1901
'05, Lawrence Ernest Allen, General Average, Military and Academic Standing in 1903
'07, Pratt, Harry Chadwick, General Average, Military Standing, Academic Standing in 1905
'04, Randall, George Christopher, General Average, Military and Academic Standing in 1902
'11, Richmond, Neal Willard, Military Standing in 1909
'11, Sabin Karl Danforth, General Average, and Academic Standing in 1909
'02, Stebbins, Lawrence Bernard, Academic Standing in 1900
'08, Stow, Frederick Stevens, General Average and Academic Standing in 1906
'02, Watson, Guy Henry, General Average and Military Standing in 1900
'01, Wheatley, Charles Edward, Military Standing in 1899
'03, Williams, Seth, General Average, Military and Academic Standing in 1901

The winners of the freshman medals are as follows

'12, Baker, Harold Tower, General Average, Academic and Military Standing in 1909
'06, Barker, Ludlow Osmond, General Average and Academic Standing in 1903
'05, Booth, Ralph Allerton, General Average, in 1902
'09, Clark, George Walter, Military Standing in 1906
'01 Clark, Harry Guy, Academic Standing in 1908
'10, Clark, Ralph Lucas, General Average in 1907
'10, Collins, Everett, Academic Standing in 1907
'03, Foster, John Harold, General Average and Military Standing in 1900
'06 Gilman, Dana Howes, Military Standing in 1903

'05, Lawrence, Ernest Allen, Academic Standing in 1902
'10, Light, Freeman, Military Standing in 1907
'09, Lord, Harold Merton, General Average and Academic Standing in 1906
'05, McFeeters, William Rensellaer, Military Standing in 1902
'07, Mears, John Herbert, Military Standing in 1904
'02, Peck, Martin William, Academic Standing in 1899
'07, Pratt, Harry Chadwick, Academic Standing in 1904
'04, Randall, George Christopher, General Average, Military and Academic Standing in 1901
'13, Rich, Irving Arquila, Military Standing in 1910
'01, Richardson, Jeffers Foster, General Average in 1898
'11, Richmond, Neal Willard, General Average, Academic and Military Standing in 1908
'13, Shaw, Edmund Pond, Academic Standing, General Average in 1910
'08, Smallman, Edwin Watson, Academic Standing in 1905
'08, Stow, Frederick Stevens, General Average in 1905
'02, Swenson, Alfred, General Average in 1899
'02, Watson, Guy Henry, Military Standing in 1899
'01 Wheatley, Charles Edward, Military Standing in 1898
'08, Wheelock, Lyman Newton, Military Standing in 1905
'03, Williams, Seth, Academic Standing in 1900

ATHLETICS.

A baseball association was formed in the spring of 1885, with the following officers president, C H Nichols, '86, vice-president, E H Prince, '86, secretary, C. H. Cheney, '86, treasurer, E V Booth, '87, umpire, F. R. Belknap, '85; The members of the team were. captain and catcher, P. M. Fletcher, '87, pitcher, C H Cheney, '86, short stop, George Gifford, '87, first base, H. S Denny, '88, 2d base, W. E Hassam, '87, 3d base, C. E. Austin, '87, right field, A R. Shaw, '89, center field, C H Nichols, '86, left field, F. F Haywood, '88

On March 12, 1887, delegates from the three colleges of Vermont met in Burlington and formed the Vermont College League. The following officers were elected G. S. Wheelock, of U. V. M, president, E E Howe of Middlebury, vice-president, A R Shaw of "N. U." secretary; and E. L. Allen of Middlebury, treasurer A series of six games was arranged and a pennant was to be given the winning team. The members of the team for this year were· E. R. Juckett, '89, catcher, T. J. Robbins, '90, pitcher, H. J. Cox, short stop; W. E. Terrill, '89, 1st base, W. E Hassam, '87, 2d base, H. T. Way, '88, 3d base, A. R. Shaw, '89, right field, F. S Palmer, '89, center field, and F. T. Austin, '87, left field Nine games were played, only one was lost and that to the professional team of St Albans by a close score. The

University of Vermont was defeated in Burlington with a score of 7 to 0, and in Northfield, 23 to 6. Norwich won the state championship and received the pennant. The success of this team was due chiefly to the careful training of Professor Cox, an old Harvard player.

On March 10, 1888, a meeting of the Vermont College Base-ball League was held in Burlington. W. E. Terrill, "N. U." '89 was elected president; H. H. Ross of Middlebury and A. B. Gilbert of U. V. M. were elected vice-presidents; A. R. Shaw, "N. U.," '89, and A. B. Gilbert, a judiciary committee; P. H. Swett of U. V. M., secretary and treasurer. At this meeting, the

Champion Base Ball Team, 1887.

pennant was awarded to "N. U." A series of games was then arranged. The members of the "N. U." team were: G. E. Sleeper, '91; T. J. Robbins, '90; J. R. Langdon, '91; W. E. Terrill, '89; L. F. Bellinger, '92; F. S. Palmer, '89; A. B. Jones, '90; C. F. Parker, '90 and A. R. Shaw, '89. Ten games were played that year, five being won. The University of Vermont team was awarded the pennant.

The third annual meeting of the Vermont College Baseball League was held at "N. U." in March, 1889. A protest was entered against awarding the pennant to the Vermont team, as it was known that they had employed professional players. After some discussion the pennant was awarded to the University

of Vermont team "N U" and Middlebury were tied for the second place It was voted to continue the league The officers elected were president, F. L Moon of U V. M.; vice-presidents, W H Sprague, "N. U," '91, and E B Bryant of Middlebury, secretary and treasurer, G E. Lavery of Middlebury, judiciary committee, E B Cleft of Middlebury, C. F Parker, "N. U.," '90, and J. M. Jackson of Vermont. In April, 1889, the University of Vermont team broke its agreement and withdrew from the league The league was soon disbanded This breaking up of the league lessened the enthusiasm for the sport at the University Several games were, however, played The members of the team were. B. W. Gleason, '92, L. F Bellinger, '92, E R Juckett, '89, W E. Terrill, '89, E A Pond, 92, A. R Shaw, '89 G. A. Tracy, '92, R H Ford, '92, C F Parker, '90

In March, 1890, the Baseball Association elected the following officers president, E A Shuttleworth, 91, vice-president, B W Gleason, '92 secretary and treasurer, H G Woodruff, '91; business manager, C H Cheney, '86, captain, E A Pond, '92, executive committee, C H. Cheney, '86, E. A. Pond, '92, and R W Porter, '93. A small schedule was arranged, a game being played with Vermont

In March, 1891, the athletic association was reorganized The officers from this date were elected each term and a board of control consisting of the president, vice-president and secretary was appointed to have full charge of the athletic work of the University The officers for this year were presidents, H G. Woodruff, '91, O L Pease, '92, W H Sprague, 91, vice-president, E. A Shuttleworth, '91, secretaries, W H Sprague, '91, and C G. Dole, '91, treasurers. B. W Gleason, '92, and E A Shaw, '91, business manager, R H Ford, '92, Captain B W Gleason, 92 Eleven games were played by the team, seven being won

In 1891–92, the officers of the Athletic Association were presidents, D C Webb, 92, and B. W. Gleason, '92, vice-president, H C Schiffer,' 94, treasurer. W E Hurlbut, '93, managers, H C Schiffer, '94, and O L Pease, '92 Only a few games were played this year, owing to the lateness in the organization of the team

The officers of the association for 1893 94 were: president, George E Stone, '94, secretary and treasurer L. C Hulburd, '94, managing committee (fall, 1893), Prof George A Arnold H C Moseley, '95, and A. H. Cushman, '96, managing committee,

Base Ball Team, 1904.

spring 1894, E W Gibson, '94, L. C. Hulburd, '91, and H C. Moseley, '95 Only a few games were played this year

The officers for 1894–95 were president, C J Scribner, '96, vice-president, J L. Averill, '96, secretary and treasurer, D C. Warren, '95. managing committee, Professor Savage, P. R. Hoefler, '95, C A Plumley, 96, C S Carleton, '96, Lieut H. C. Keene, U. S. A , F J. Donahue, '95, manager C. S Carleton,'96 A larger schedule was played this year and with better success In February, 1896, an executive committee consisting of W. A Shaw, '88, C J Scribner, 96, and P A Dinsmoor, '98, was elected to manage the athletic work. P. A Dinsmoor, '98, was elected manager of the team and Professor Stevens, captain. Nine games were played, Norwich scoring 90 points to their opponents' 77.

In the spring of 1897 a series of entertainments were given by the corps for the benefit of the baseball team. In 1898 the Athletic Association was again reorganized and new constitution adopted, which gave the officers of the association full control of the various teams.

In January, 1899, the officers of the association were elected as follows president, L. F. Chamberlain, '01, vice-president, G P Lovell, '99. secretary, J. F. Richardson, '00, treasurer, H K Brooks. '99 R P Watson, '02, was elected captain of the team in place of John P Moseley, '99, resigned. On February 22, 1899, a "Hank White" show was given for the benefit of the association Five games were played, three being won

In the spring of 1900, H. C Moseley, '95, was engaged to coach the baseball teams Seven games were played.

In the winter of 1900–'01 the association was reorganized and a new constitution adopted which provided for a board of directors to be chosen from the alumni and faculty The officers for the association for this year were president, W E Robertson, '01, vice-president, R. T. Phinney, '02, secretary, G. C Randall, '04, business manager, Frank Strong. '02, assistant business manager, G E Dunham, '02 A schedule of thirteen games was arranged, five being with the following colleges: Syracuse, Tufts, Middlebury, University of Toronto, and the Massachusetts Agricultural college.

The officers of the association for 1901–02 were F H. Burr, '02 president, J H Foster, '03, vice-president, K R B Flint, '03, secretary; F J. Metzger '03 manager C O Burt '04 assistant

manager. Six games were played by the team. The members of the team for the season 1903 were H A Chase, '02, catcher, J. K Morris, '04, pitcher, J J Howard, '05, short stop, J C. Coulombe, '05, 1st base, W C Thompson, '03, 2d base, C R Calderwood, 3d base, W. E C Washburn, '04, right field; W. C. Newell, '06, center field, W E Carleton, '06, left field Nine games were played, Norwich winning 85 points and their opponents' 53

In 1904, nine games were played the team winning four games, and 56 points to their opponents' 61

For 1904–05, the officers of the association were Prof. C. V Woodbury, president, B P Hovey, '06, secretary, athletic committee, W E Terrill, '89, H. C. Moseley, '95, J H Denny, '05, B. P Hovey, '06, and R J Potter, '07 The members of the team were E J Clay, '07, catcher, J C Coulombe 05, pitcher, G M Moore, '07, 1st base, R. M. Blanchard, 08, 2d base, J. E. O'Donnell '08, 3d base, F M Barney, '09, right field, R D Potter, '07, centerfield, R P Watson, 07, left field There was a decided improvement this year in the team Nine games were arranged with college teams Norwich won six games, and 43 points to their opponents' 35, only losing to Middlebury and Vermont. In the first game with the Vermont team, 'N. U.'' lost to a score of 8–0. A return game was played at the Inter-City park in Montpelier Norwich played a fine game, only losing with a score of 3 to 0 The Vermont team was only credited with one earned run This game greatly increased the prestige of the Norwich team. Great credit should be given to J. C. Coulombe '05, for his work in this game, only allowing five hits, while Norwich got six hits off from Campbell, the famous U V M pitcher

In 1906, nine games were played, the team winning six games and 63 points to their opponents' 50 This year they played with the Dartmouth team for the first time

In 1906–07, C N. Barber, '08, served as manager, R L Andrews, '09, as assistant manager, and J E O'Donnell, captain Twelve games were played

In 1908, W L Clark, 09, served as manager, J. B Carswell, '10, assistant manager, F M Barney as captain Ten games were played In the fall of 1909, H A Whitney, M D, a graduate of the University of Vermont Medical College of the class of 1907, and a prominent athlete of that institution was secured as athletic director He at once began the developing of the team. The old Drill Hall was fitted up as a cage and work was begun

Base Ball Team, 1910.

in the fall Ten games were arranged, several being with college teams. Norwich won five, and played a 0 to 0 game with Manhattan, also winning 64 points to their opponents' 41

In 1909–10, the systematic training given the team by Doctor Whitney began to show and the work this year was a decided improvement Ten games were played, seven with college teams and two with the strong cavalry team of Fort Ethan Allen. Norwich won five games, winning 61 points to their opponents 59 Three games were played with Middlebury, Norwich won the first with a score of 11 to 0, and was defeated in the second with a score of 5 to 0 The third game was one of the most interesting of the season as Middlebury was playing Fisher, a member of the New York Americans, yet, regardless, of the fame of this pitcher, Norwich won with a score of 8 to 3 The strong Colby college team was defeated in a closely contested game with a score of 10 to 9 The members of the team were C F Murray, '13, catcher A. W Reid, '10, and E A Parkman, '12, pitchers, H N Gordon, '11, short stop, T W Earle, '10, 1st base, H S Burwell, '13, 2d base, W F Hayes, '13 3d base, G E Carpenter '11, and J E Miles '12, right field, F W Hemenway, '12, center field, A E Platt, '12, left field

FOOT BALL

The first football team organized at the University, since the days of the Parade football mentioned in Chapter IV, was organized in the fall of 1892. The only game so far as known was played on December 3, between two teams made up of cadets H C Moseley, '95, served as captain of one team and C J Scribner, '96, the second

In the fall of 1893, the team was reorganized by Prof George A Arnold, a graduate of Tufts College The first game ever played on the Norwich grounds, with an outside team, was with Montpelier Seminary, October 9, Norwich winning with a score of 14 to 0 The members of the team were A E Lewis, '97, right end, H C Kerr, '96 right tackle E M McCarty '96, right guard, J E Ross, '94, center W P. Beauclerk, '96, left guard, E W Gibson, '94, left tackle; C S Carleton, '96, left end, P R Hoefler, 95, quarter back, H C Moseley, '95, full back, A H Cushman, '96, right half back and George A Arnold, full back and captain Mr Hankins of Dartmouth, served as coach. Ten games were played, seven being won, and one tie game Middlebury was

defeated with a score of 34 to 11, but the team was defeated by the University of Vermont with a score of 50 to 0.

In the season of 1894 and 1895, several games were played with fair success In the fall of 1896, W H Randall, a graduate of Dartmouth College was secured and through his work the team made a better showing During the years of 1897 and 1898, the team played with indifferent success

In the fall of 1899, a number of promising athletes entered the University, and new interest was taken in the game A Mr. Cook, a student at Dartmouth, was secured as coach. Mr R G Rich, '00, served as manager of the team Five games were played, three being won, Norwich winning 134 points to their opponents' 23 The University of Vermont was again played with better success, the team being defeated by a score of 13 to 0 The members of the team were C D Hazen, '01, H S Frost, '03, J. T Smith, '02, R. G. Rich '00, C. L Pelkey, '03 Eliot Granger, 03, H. A Chase, '02, C E Wheatley, '01, H O Young, '03 J P Moseley, '99, H W. Orser, '02

In the season of 1900, Mr Cook of Dartmouth again coached the team. C. G. Eastman, '03, served as manager and C. D Hazen, '01, as captain. Five games were played, three being won. A tie game was played with Middlebury with a score of 5 to 5 Norwich won 95 points to their opponents' 55

In the fall of 1901, Mr George S Pratt, Bowdoin, '00, was secured as coach R L. Wilkins, '03, served as manager and J. E McGreen, '04, assistant manager; Frank Strong '02, as captain Only very few games were played this year, and with poor success In the fall of 1902 it was voted by the corps to discontinue the game that year.

In the fall of 1903, a large number of athletes entered the University. An effort was made to conduct a University team, but without success Mr R D Potter, one of the freshmen, with his characteristic energy, organized a team from his class and later a Sophomore-Freshman team was formed, with Mr Potter as captain Five games were played with only one defeat, the team winning 135 points to their opponents' 15 The men playing in the Goddard game were R. M. Blanchard, '08 P. C. Sinclair, '05, F N Tinker, '06. E D Huntley, '08, S W Bampton, '06, J. C. Coulombe, '05, F M Barney, '07, W E. C. Washburn, '04, R. D Potter, '07, W E Carleton, '06, H. A. Ransom, '07, C. R Andrew, '06, W T Randall, '07.

The season of 1904 opened with bright prospects for victories,

Foot Ball Team, 1907

which were realized. Five victorious games were played Middlebury was defeated 17 to 0, but the great game was with the University of Vermont For many years the Norwich teams had suffered inglorious defeat and the University of Vermont felt they were invulnerable. The Norwich team went to Burlington with the spirit of the University motto, "I Will Try," and in a hard fought contest Vermont met its Waterloo at the hands of the Norwich Napoleon, Potter, '07 Vermont was defeated by a score of 15 to 0. Norwich won this season 19 points to their opponents' 0 The lineup of the team this year was as follows W. T Randall, '07, and A R Hutchins, '08, left end; S W Bampton, '06, left tackle, E D Huntley, '08 left guard, F N. Tinker, '06, center, C A Wood, '07, right guard, H J M. Smith, '08 right tackle, R. D Potter, '07, quarter back, R. M Blanchard, '08, right half back, F N Barney, '07, left half back, and J. C. Coulombe, '05, full back

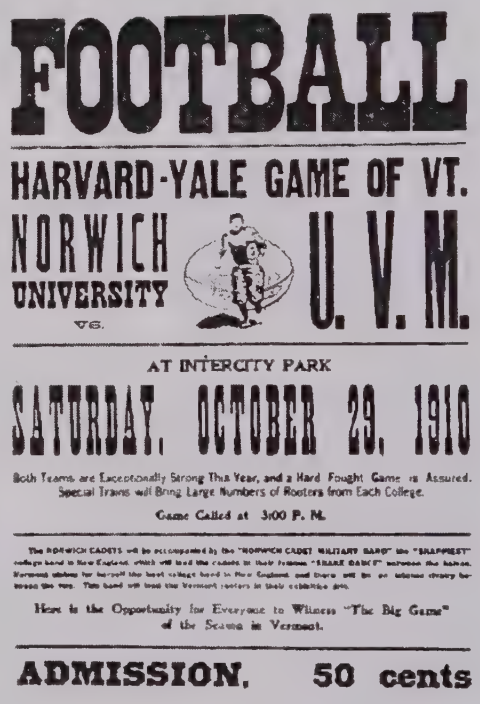
In 1905, six games were played with poor success The University team was defeated by Vermont with a score of 26 to 0 G M. Moore, '07, served as manager, E W Smallman, '08, as assistant manager and E D Huntley, '09, as captain

The season of 1906 opened with brighter prospects for a winning team "Jimmie" Turner, a student of Dartmouth college, was secured as coach, L. J Clarkson, '08, served as manager, W L Clark, '09, assistant manager, and E D Huntley, '08, as captain Six games were played this year, Norwich winning only one This year the games were played with college teams The powerful Dartmouth team was held to a score of 5 to 0, with the result that the manager of the Brown University team telegraphed for a game In this game Norwich scored a touchdown, but was defeated by a score of 26 to 4, Vermont only defeated the team by a score of 5 to 0

In 1907 Mr Turner was again secured as coach and, through his energetic work, soon developed a winning team L J Clarkson, '07, served as manager C F. Campbell, '10, assistant manager, C N. Barber, '08, and E D. Huntley, '08, as captains Eleven games were arranged with college teams, Norwich won five and tied two, winning 70 points to their opponents '68. Dartmouth was held to a score of 12 to 0 on September 28 In this game L J Clarkson, '08, the energetic manager, received injuries of which he died September 30 Clarkson's death greatly dampened the ardor of the team, yet they followed his last instructions to "play the schedule out regardless of his fate" Vermont was played

with a score of 11 to 11, and Holy Cross with a score 0 to 0; Middlebury was defeated in two games, in the first 5 to 0, and in the second 6 to 5.

In 1908, Mr. James Turner served as coach; Freeman Light, '10, as manager and J. B. Carswell, '10, as assistant manager, and M. H. Damon as captain. Eight games were played, Norwich winning 39 points to their opponents' 44. Middlebury was defeated in two gams, 22 to 0 and 10 to 0. Two games were played with Vermont. In the first Norwich was defeated 11 to 0. The second was played at Inter-City park in Montpelier before a large crowd. The state legislature adjourned to witness the game. After a severe fight Norwich was defeated with a score of 11 to 6.


FOOTBALL
HARVARD-YALE GAME OF VT.
NORWICH UNIVERSITY
VS.
U. V. M.
AT INTERCITY PARK
SATURDAY, OCTOBER 29, 1910
Both Teams are Exceptionally Strong This Year, and a Hard Fought Game is Assured.
Special Trains will Bring Large Numbers of Rooters from Each College.
Game Called at 3:00 P. M.
Here is the Opportunity for Everyone to Witness "The Big Game" of the Season in Vermont.
ADMISSION, 50 cents

In 1909, Mr. Turner again served as coach, F. A. Smith, '11, as manager and C. F. Campbell, '10, as captain. Seven games were played with colleges. The team won two games, and only scoring 24 points to their opponents' 48. Wesleyan was defeated by a score of 6 to 0, and Middlebury by 13 to 0; Amherst was played, neither team scoring; Vermont was victorious by a score of 11 to 0.

In 1910, Mr. R. D. Potter, '07, was secured as coach. He at once took up the work with vigor. D. H. B. Starr, '11, served as manager, H. L. Dean, '12, assistant manager, H. J. M. Smith, '11, captain. Eight games were played. Owing to the service of the corps at the state fair at White River Junction, the work of the team was greatly handicapped. St. Michael's college was defeated on the fair grounds in a practice game 32 to 0. Four

Foot Ball Squad, 1910.

strong teams, Amherst, Brown, Wesleyan, and Trinity were then played, Norwich failing to score in any of these games Great credit should be given the team for its work in holding Trinity to a score of 9 to 0 The Hartford, Conn , papers praised the Norwich team and even conceded that Norwich played the better game, only being defeated by flukes and a questionable decision The next game was with Vermont, and Coach Potter had carefully trained his team for the game It was again played at Inter-City park at Montpelier The Vermont team was especially strong this year and had just held Cornell to a score of 9 to 6, so even the most loyal supporters of the Norwich team were doubtful of the result The "N U" team went into the game with the spirit of winning Norwich played the Vermont team off its feet, it was able to circle the ends, go through the line, and hold at will the heavier line and more than held its own on punting At the end of the second period the score stood 17 to 0. In the last period Norwich played a defensive game, only working to hold the points gained

It was significant that Mr Potter, who played on the "N U" team that gave Vermont the crushing defeat in 1904, was victorious in the game of 1910 Eight games were played, and four victories won The team scored 103 points to its opponents' 81 Middlebury was defeated in the last game of the season by a score of 29 to 5 The lineup of the team at the Vermont game was, J P Lee, '13, left end, G A Carpenter, '11, left tackle, D H B Starr, '11, left guard, S C Cannon, '12, center, C H Alvord, '13, right guard, H J M Smith, 11, right tackle, Cleveland Weed, '14, right end, F. H Colburn, '12, quarter back, A L. Kelley, '13, right half back, H S Burwell, '13, left half back, R H. Underhill, '13, full back substitutes, F. V Hemenway, '12, H L. Butler, '13, L C Taft, '13 The officers for the season of 1911 are, H L Deane, '12, manager, and S C Cannon, '12, captain It is but justice to Mr Potter to state that through his energetic work in 1903 and 1904, he placed the Norwich team in the college class Great credit should be given E D Huntley, '09, C N. Barber, '08 and H J M Smith, '11, for their work in developing the team For some years most of the games were played with preparatory schools, but at present Norwich is playing as good a schedule as any college team in New England The work of the team perhaps has done as much as any one agency to increase the attendance at the Institution

BASKET BALL

So far as known, the first attempt to form a basket ball team was in February, 1901. R T. Phinney, 02, was elected manager and W O Tuck, '04, assistant manager. No records of games have been preserved In November, 1901, a basketball team was organized with F H Burt, '02, as manager. Several games were played The game was given up until the fall of 1903, when a number of experienced players entered the University. A team was organized with the following players R. D Potter, '07, left guard, J C Coulombe, '05, right guard, E J Cray, '07, center, D P Thompson, '05, left forward and G M Moore, '07 right forward and captain In several of the games W. K. Means '07, played as left forward and R P Watson, '07, right forward Seventeen games were played. Norwich won seven and tied in two games J E McGreen, '05, served as manager In 1904-05, the officers of the team were S W Bampton, '06, manager; G M Moore, '07, captain Eleven games were played, six being won The team scored 267 points to their opponents 224 Two games were played with the Vermont team In the first Norwich was defeated with a score of 25 to 8, and in the second Norwich was victorious, winning by a score of 40 to 10.

In 1905-06, L E Knight, '07, served as manager, G F Mitchell '08 as assistant, and G M Moore, '07, as captain Nine games were played In 1906-07, M. S Wilder, '08, served as manager E S. Harbour, '09, as assistant manager and R P. Watson, '07, as captain Nine games were played The members of the team were M S. Wilder '08, center, R P. Watson, '07, and A W Reid, '10, backs, F M Barney, 09 and G E Carpenter, '09 forwards, E. S. Harbour, '09, F J McCarthy, '08 and G. E Ames, '09, substitutes In 1907-08, E S Harbour, '09, served as manager, J B Caswell, '10, as assistant manager, and F M Barney, '09 as captain Thirteen games were played. These games proved of great interest in town and were well attended. This sport was discontinued at the end of the season of 1908.

Many attempts have been made to conduct field sports during commencement week, but with very little success They were given on June 12, 1888 and June 25, 1889. They were suspended from this last date until 1897, when, through the enterprise of the graduating class of that year, they were revived under the leadership of D W Sutherland, '97; several interesting events were given They were continued by the class of 1898, and were witnessed by a large crowd They were not given in 1899, but were

resumed on June 26, 1900 The various events of that year were especially good They were given again on June 25, 1901, since which date they have not been held, although several attempts have been made to revive them.

Attention has also been paid to other sports In 1890, a hockey club was formed and at irregular intervals this sport has been continued to date In the early Nineties a bicycle club was formed and this sport was continued for some time In April, 1894, a tennis association was formed with the following officers president, R S Dowe, '95 vice-president, R D Baker, '95, secretary and treasurer P R Hoefler, '95 From this time considerable attention has been given to the sport, though no regular teams have been maintained In the winter of 1898-99, a skeeing club was formed and this sport has been continued to the present time A toboggan club was also formed in 1898-99, which was continued for some time Of late years much attention has been paid to snowshoeing

During this period the fraternities have become very prosperous The θX and the $A\Sigma\Pi$ fraternities (q v) now own valuable property On May 9, 1904, the $\Delta K\Psi$ was organized and on March 18, 1908, became the Alpha Chapter of the $\Sigma\Phi E$ (q. v.), a national fraternity.

In the winter of 1906, the Commons Club (q v) was organized and continued until February 10, 1910, when the active members formed the $\Phi K\Delta$ fraternity (q v.)

In the fall of 1910, the old Commons Club was revived through the efforts of M J Buck, '12, and others of the undergraduates, and in December it was incorporated by the state legislature The former residence of Professor Dole, at the Center, which was opened as a boarding hall for cadets in the fall of 1910, was secured by the club for a boarding hall and club rooms Several benevolent friends have given them assistance in purchasing necessary furniture.

Various clubs such as the "Frankfurters" have been formed from time to time but have only enjoyed a brief existence In the fall of 1905 the three fraternities formed a set of rules in regard to the time of "chinning" for new members, which were enforced until 1910

During the first part of this period much attention was paid to debating but in the latter years very little work was done in this line until the spring of 1908, when the Middlebury College freshman class challenged the "N U " freshmen to a debate in Middlebury.

The challenge was accepted and after some preliminary work, Fred M Earle, Glenn M Eastman, M R. Nichols and P. J. Lowell (alternate) were selected to represent "N U" The subject was, "Resolved that the U S Government should subsidise the Merchant Marine." The Norwich team chose the affirmative side of the question The debate was given in May and after a spirited contest the "N U" freshmen were defeated Owing to the interest aroused by this debate, the Norwich Tribunal was organized on December 8, 1908, with the following officers: president, G. M. Eastman, '11, vice-president, F H Colburn, '12, secretary, F. S Clark, '09

In 1909, Middlebury College challenged Norwich to an intercollegiate debate, which was accepted. This was the first intercollegiate debate ever held in the state The subject selected was, "Resolved that the Optional Referendum as used in the Swiss National Government should be adopted by our State Governments" Norwich chose the negative side of the question The men making the debating team this year were Fred M. Earle, '11, Phillip R Shailer, '11, Glenn M. Eastman, '11, and Tarknath Das, '11 (alternate). The debate was held in Dewey Hall, April 23, 1909 The judges were Hon F A Howland of Montpelier, Principal E G Ham of Randolph, and Judge Zed Stanton of Roxbury After an exciting contest Middlebury was again victorious

In November, 1909, the Tribunal elected the following officers F. H Colburn, '12, vice-president, H N Gordon, '11, secretary, Crosby Adams, '10, executive committee, J. H Whitney, '10, G. D Stahl '11, and C L Whipple, '12 An effort was made by Norwich to continue the intercollegiate debates with Middlebury, but without success. Since 1909, no active work has been done by the Tribunal.

During the early years of this period a great deal of attention was paid to theatrical work The θX Fraternity presented on February 27 and 28, 1884, the play "Darkness and Daylight," at Concert Hall, and on April 17 and 18, 1885, the $A\Sigma\Pi$ Fraternity presented the play, "The Loyal Mountaineer, or the Guerrilla's Doom," at Concert Hall Very little attention was paid to theatrical work from 1888 until November, 1893, when a Dramatic Association was formed, with the following officers: president, G. E Storrs, '94; secretary and treasurer, H H Stearns, '94; manager, H C. Moseley, '95 On February 19, 1894, the association presented in Northfield the farce, "Turn Him Out," and

the drama "Our Folks", and on March 3, the play "Cool Collegians" On February 11, 1902, the *ΑΣΠ* Fraternity presented the drama the "Rough Rider" The cadets taking part were, J T Smith, 02, K. R B Flint, '03, E S Ball, '03, J. K Morris, '04, G C Eastman, '03, H. A Chase, '02 and J H Denny, '04.

The regular declamation work on Friday afternoons was continued for several years Beginning with the winter of 1886-87, the corps was organized either as a Senate, or a House of Representatives, for practical work in legislative methods and for debates This form of rhetorical work was held each year that the Vermont legislature was in session and was continued until about 1900 This form of work proved of great advantage to the cadets, several of whom have later seen much service in the legislative halls of this and other states The work was generally taken seriously and the cadets of the period will remember with amusement the flights of oratory hurled against the passage of such bills as the making of Georgia and Stowe state hunting parks, and the impeachment of "Governor Dowe" Since 1908 the rhetorical work of the cadets has been confined to the freshman class work

In May, 1892, a Press Club was formed for the purpose of furnishing the papers of the country with information concerning the affairs of the University The following officers were elected president, F. A Manual, '93 secretary, E W. Gaynor, '93, treasurer, G E Storrs, '94 This club was continued until 1894. At various times attempts were made to organize a club, but without success until June 1909, when an organization was perfected with the following officers H. N. Gordon, '11, president; C. L Whipple '12, vice-president, C F Murray, '13, secretary and treasurer. This board of officers has been continued to date.

On May 25, 1903, the *Reveille* was represented at the annual meeting of the New England Inter-Collegiate Press Association, in Boston, by K R B Flint, '03

In April, 1909, the Norwich University Journalistic Association was formed for the purpose of "encouraging literary and journalistic work, to unite more closely the alumni, faculty, and the student body, to supervise the printing of the various student publications and to place the Institution more consistently before the public.' A committee of five, consisting of Prof K R B Flint (chairman), Prof E A Winslow, Prof E A Spear, W. F Johnson '10, and L N Bullhoe '11, was appointed to draft a Constitution and By-Laws for the government of the Association The cor[illegible]

A reception was given President Charles H. Lewis, at Howe's Hall, June 16, 1882, at 8 P M Mr Isaac N Jenks of Northfield introduced the guests Speeches were made by Hon Frank Plumley, President Lewis, Dr. P D. Bradford, Col F V Randall, and Judge Heman Carpenter, music was furnished by the Northfield orchestra. Receptions were given various members of the faculty and prominent guests during 1883-97 Since 1897 President Brown and President Spooner have given receptions to the cadets and friends of the University, during the fall term and at commencement These receptions have been the most interesting social events of the academic year.

The social life of the cadet has not been neglected For many years a lecture course was given in town, the cadets being among the most liberal supporters Many prominent citizens of this and other states have delivered addresses before the corps Many musical and literary entertainments have been given on the Hill since the completion of Dewey Hall For the last few years the fraternities, classes, and the various athletic and musical organizations, have given hops in Dewey Hall, which have been well attended by the alumni and residents of the town. For several years the various churches of Northfield have given receptions to the freshman class in the fall term, and have through their various church socials assisted in making the stay of the cadet in town pleasant On June 19, 1885, Professor Habel gave a dinner to the graduating class and faculty at his home, in accordance with a custom at the German Universities In the last few years the corps have been given addresses by the alumni on practical engineering work

Since 1891 several dancing schools have been conducted in town and on the Hill by the cadets.

SHELDON PRIZE SPEAKING CONTESTS.

In 1889, Mr. N L Sheldon, of the class of 1884, in order to stimulate in the corps of cadets an interest in public speaking, founded the Sheldon Prizes, for competition between the sophomore and freshman classes. Two prizes were given until 1893, then three were offered. All the members of the two classes were required to participate in the exercises as a part of the regular rhetorical work Beginning with 1896, preliminary contests were held in the spring term for the selection of the men for the final competition at commencement. Until 1904, ten men were chosen for the final competition and after that date eight.

For many years the cadets took great interest in the contest There was great rivalry between the two fraternities in securing the coveted prizes. They gave the contestants much training in their lodge rooms, even hiring elocutionists to assist in the work In many cases the former winners of the prizes gave their fraternity brothers the benefit of their training Through this energetic work many a backward cadet was made a prize winner Until the completion of Dewey Hall in 1902, these contests were held in Concert Hall and formed one of the most attractive features of the commencement week exercises Owing to the increased amount of work required of the freshman and sophomore classes it was decided not to hold the contest in 1910.

The first contest was held at 8 P M, Tuesday, June 25, 1889 The contestants were George I Abbott, E L Young, A. F. Booth, H C Sweeney, P. G Smith, and E. A Shaw of the class of 1891, and E. H. Ryan, M. I Gilder and R H. Ford of the class of 1892 The judges were Prof Charles Wesley Emerson of Boston, Rev A J Hough of Montpelier, and Rev A H Webb of Northfield. The first prize was won by E H Ryan, '92 and the second by G L Ballou, '91 The Cadet band and Chase's orchestra furnished music

The second contest was held Tuesday at 8 P M, June 24, 1890 The contestants were E H. Ryan, R. W Porter, B. W Gleason, M I Gilder and R. H Ford of the class of 1892, and E W Gaynor, G L Andrews, E C Bennett, L W Clark, and F D. Holbrook of the class of 1893 The judges were Rev A. J Hough, C A. Livingstone of Montpelier, and J B Adams of Randolph E W Gaynor, '93 won the first prize and E C Bennett, '93, the second

The third contest was held June 23, 1891 The judges were Rev V. M. Hardy, of Randolph, Rev G W. Gallagher and F J Martin of Montpelier. The first prize was won by E W. Gaynor, '93, and the second by E C Bennett, '93, music was furnished by Chase's orchestra.

The fourth contest was held June 28, 1892. The contestants were F A. Gokey, 93, H B Wason, E W. Gibson, George E. Stone of the class of 1894, B H. Prior, George Donnelly, H. C Moseley, P R Hoefler, M. J Ryan and W G Huntley, of the class of 1895 The judges were Prof S J. Blanpied of Montpelier, Lieut George W Getchell, U S A, and Mr. J. A DeBoer of Montpelier The first prize was won by W G Huntley, '95, and the second by B H Prior, '95 F W Gibson and C F

Storis received honorable mention, Chase's orchestra furnished the music.

The fifth contest was held June 26, 1893. The contestants were: H C. Moseley, H H Stearns, E W. Gibson, George Donnelly, F. J Donahue, of the class of 1895, and James L. Averill, H. S Clark, E. M. McCarty, A H Cushman, W G. Brooks, C. A Plumley and C S. Carleton of the class of 1896. The judges were: Rev A H Webb and Rev Allen Judd of Northfield, and Lieut George W Getchell, U S A E W Gibson, '95, won the first prize, C A. Plumley, '96, the second, and H. C. Moseley, '95, the third

The sixth contest was held on June 30, 1894. The contestants were C J Scribner, C S Carleton, H S. Clark, James L. Averill, C H. Brooks, F. B. Thomas, A H Cushman and W. G. Brooks of the class of 1896, and W C Spafford and H V Dunham, of the class of 1897 The judges were: Mr W A Lord, Prof E M Smith and Judge Hiram Carleton of Montpelier The first prize was awarded to H S Clark, '96, the second to F. B Thomas, '96, and the third to C S. Carleton, '96

The seventh contest was held June 25, 1895 The contestants were H E Caswell, W C Spafford, H V. Dunham, C. E. Walker of the class of '97, T. B Gleason, '98, F W Denison, '98, C E. Duggan, '98, G H. Ellis and A E. Winslow, '98. The judges were Frank J Martin of Barre, Rev. A J Sherburne of Williamstown, and Miss H. L. Chase of Tilton, N H H V. Dunham won the first prize, W. C. Spafford, the second and A E. Winslow, the third Music was furnished by the Columbian Quartette of Northfield.

The preliminary contest was held April 8 and 9, 1896. The eighth contest was held June 23d The contestants were Thomas B. Gleason, Joseph H Ladd, Edwin Booth, Frank W Denison, Charles E Duggan of the class of 1898, and Leon B. Allen, George P. Lovell, John L Tupper, Fred A Webster and John P Moseley, of the class of 1899 The judges were Judge Zed Stanton of Roxbury, Prof. R. E Stevens of Hanover, N. H., and Mrs. Sarah M. Weeks of St. Albans. The first prize was awarded to John L. Tupper, the second to John P Moseley, and the third to George P. Lovell

In 1897, the preliminary contest was held April 20 and 21, and the regular contest on June 29 The contestants were L B. Allen, F. A Webster, H. K Brooks of the class of 1899, and Charles Batchelder, J S. Batchelder, N. M Davis, R. W Duns-

moor, H. S Richmond and F F Willey of the class of 1900 The judges were Gen J H Lucia, and Rev Andrew Gillies of Montpelier and Rev H W. R. Stafford of Barre The first prize was awarded to R W. Dunsmoor, '00, the second to H K Brooks,' 99, and the third to H S Richmond, '00

The tenth contest was held on June 28, 1898 The contestants were B F Allen, S H Ashley, M L Poor of the class of 1900, and J. F. Richardson, W S Pingree, I. C Ellis, C. E Wheatley, W E Robertson and P P. Leonard of the class of 1901 The judges were F A Howland of Montpelier, Rev Homer White of Randolph, and Rev. S. C Johnson of Northfield W. S. Pingree won the first prize, B F Allen, the second and C E Wheatley the third George Wilder of Montpelier furnished the music

The eleventh contest was held June 27, 1899 The judges were Rev S H. McCollester, '51, Rev William J Harris of Barre, and Rev A W. C Anderson of Northfield The first prize was awarded to W E Robertson, '01, the second to J F Richardson, '00, and the third to M W Peck, '02

The preliminary contest was held in the chapel in Dodge Hall, May 15–17, 1900, and the twelfth contest was held on June 26, 1900 The contestants were H M Hobson, '02, and S L Fuller, H K Briggs, F L Metzger, H O. Young. F B Judd, W C Thompson, W R. Farrington, J H Foster, and A. R Williams of the class of 1903

In 1901, the preliminary contest was held in Dodge Hall on Tuesday, May 21st. The thirteenth contest was held on June 25 The contestants were: J H. Foster, K. R B Flint, W M Anderson, M M Stocker and H K Briggs of the class of 1903, and George C Randall, G E Dunham, H R. Dillingham, W O. Tuck, and V J Brennan of the class of 1904 The judges were Hon F A Howland and Librarian E M Goddard of Montpelier and Rev C H. Wells of Bethel The first prize was awarded to W O Tuck, the second to J H Foster, and the third to K R. B Flint.

In 1902, the preliminary contest was held in the chapel May 2, and the fourteenth contest on June 24 The contestants were V. J Brennan, W S Hutchinson, J E McGreen, G C Randall of the class of 1904, and Joseph H Denny, Edward Moore, W. R. McFeeters and P. C Smelair of the class of 1905 The judges were Prof F. A Balch, (q. v.) of Jonesville, Vt, Rev Paul [illegible]

Barre. Joseph H. Denny won the first prize, Edward Moore the second and W. R McFeeters, the third

The fifteenth contest was held on June 24, 1903 The contestants were: E. A Lawrence and P C. Sinclair, of the class of 1905, M L Rumill, W. E Maxham, D H. Gilman, C R. Calderwood, S. W Bampton, L O. Barker, and J B. Swett of the class of 1906. The judges were Hon Walter E Ranger, State Superintendent of Education, Rev. Walter Dole, '70, and Principal E M Roscoe of Waterbury

The first prize was awarded to Dana H Gilman, the second to C. R. Calderwood, and the third to L. O. Barker; music was furnished by the cadet orchestra

The sixteenth contest was held June 21, 1904 The contestants were: W S Clarke, M. L. Rumill, C A Tenney, and J B Swett, of the class of 1906, and Harry C Pratt, B M. Shepard, L. H. Davis, J H Means, and W J Martin, of the class of 1907. The judges were Hon Frank A Howland of Montpelier, Rev. F. B Kellogg of Waterbury, and Principal C. H Morrill of Randolph The first prize was won by B M Shepard, the second by W S. Clarke, and the third by H. C. Pratt.

The seventeenth contest was held on June 20, 1905. The contestants were J H Means, L. E. Knight, Leroy H. Davis, and E. W Smallman of the class of 1907; K F Baldwin, W. P. Fraser, T. R Thomas, L E C. Amidon, and F H C Graves of the class of 1908. The first prize was awarded to W P Fraser, the second to L. E. C Amidon, and the third to J H. Means

In 1906, the preliminary contest was held on April 27-28, 1906, and the eighteenth contest June 19th The contestants were K. F. Baldwin, C N. Barber, and R A. Eaton, of the class of 1908, and R L Andrews, F S. Clark, R H Dunlap (excused), G I Rowe, R H. Seiple, and G W Clark of the class of 1909. The judges were: Rev H. A Roberts, D. D., and Supt F J. Brownscombe of Montpelier, and W. N. Jones of New York. R. L. F. Andrews won the first prize, K F Baldwin, the second, and S. Clark, the third. R. H Seiple received honorable mention, music was furnished by the cadet orchestra

The nineteenth contest was held on June 25, 1908 The first prize was awarded to Robert D Hope, the second to Ashton M. Tenney and the third to Merritt E Carpenter

In 1908, the contest was held June 16 The contestants were as follows G. W. Dillingham, '10; E. W. Magnus, J C Larkin, J H Card M. B Badger G E Thayer and D J Smith of the

class of 1911 The judges were Supt F J. Brownscombe and Rev Lucius F. Reed of Montpelier and Hon J. H Jackson of Barre The first prize was won by Guy E Thayer, '11 the second by George W Dillingham, '10, and the third by James C. Larkin, '11, music was furnished by the "N U" orchestra

In 1909, instead of the usual prize speaking, a debate was held between the sophomore and freshman classes on the question, "Resolved, that the U. S. Senators should be elected by the people" The affirmative was upheld by the freshmen A M Sherwin, J W Slattery, and W F Adams, and the negative by the sophomores, F. M Earle, P. R Shailer, and G M Eastman Judge Elmer R. Juckett, '89 presided The judges were Hon Richard G Hoar of Barre, Hon L B Johnson, '88, of Randolph and Rev Fraser Metzger, of Randolph The sophomore class won in the debate and the prizes were divided between the contestants

MUSICAL CLUBS.

In 1886, a quartette was organized, consisting of F. F Haywood, '88, F T. Austin, 87, H. H Goss, '88, and H S Denney, 88 They furnished music at several of the University entertainments In 1889 a glee club was organized and several concerts given In 1890-91, the members of the club were H L Sweet, 93, A. C Tabor, '94; W H. Sprague, '91, F. W Gaynor, '93, P G Smith, '91, E W Clark, 92 R. H. Ford, '92, and G L Andrews, '93 In 1891-92, the members were E C Bennett, '93, E. W Gaynor, '93, F. A Manuel, '93, and G L Andrews, '93 In the spring of 1893, these clubs made an extended tour of the towns in northern Vermont In 1894, the Lyric quartette was formed, consisting of S A Thomas, '95, W C Spafford, '97, C. S. Carleton, '96, and C. J Scribner, '96 The officers were W C. Spafford, president, C J Scribner, manager, C. S Carleton, musical director, several concerts were given by the quartette during 1894-96

In 1898 the Arion Glee Club was organized in Northfield Prof J B Johnson, '79, served as president, Prof H R Roberts, George D Evans, 98, and George P Lovell, '99, were members In 1900-01, Mr G H. Wilder of Montpelier and B K Roberts of Boston were engaged to instruct the glee club at the University

In the fall of 1906, an effort was made to organize a glee and musical club, but met with very little success In the spring of 1907, an effort was again made to perfect an organization and with success Dr Harry A Gokey of Northfield and a graduate of

Glee Club. 1910.

Tufts college, was secured as director. Through his efficient work the club rapidly grew in numbers That year the club furnished the music at the senior concert and the various exercises of commencement week Doctor Gokey continued as director of the club until January, 1911, when he removed from town

On February 20, 1908, the clubs gave a concert in Williamstown, also furnished the music for the various exercises of commencement of 1908 In the spring of 1909 the glee club, orchestra, and mandolin clubs were organized under one general management, with J H. Whitney, '10, as manager During 1909 several concerts were given as follows At the Band Fair in Northfield, February 10, Chandler Music Hall, Randolph, February 12, Town Hall, Williamstown, February 26, Stowe, Vt, March 5; Armory Hall, Northfield, May 14, Waterbury, Vt, May 24, Universalist church fair, December 8 The club again furnished the music for commencement week

During 1910, the musical clubs gave concerts as follows. Methodist church, Waterbury, Vt, January 5, Richford Opera House, Richford, Vt, January 26, Franklin Village Hall, January 27, Enosburg Falls Opera House, January 28, Montpelier Auditorium, January 29, Band Fair, Northfield, February 5, Chandler Hall, Randolph, February 25 They again furnished the music for the various exercises of commencement week. The clubs at their concerts in the various towns have been cordially welcomed by the people and through their gentlemanly conduct have made many friends for the University

ORCHESTRA.

The first orchestra at the University, so far as known, was organized by George E Donnelly, '95, in the fall of 1891 The instrumentation was G. E Donnelly '95, 1st violin, G D Whiteside, '94, 1st cornet, R U Smith, 94, 2d cornet, O L Pease, '93, trombone, E C Bennett, 93, pianist, G E Donnelly served as leader and G D Whiteside, '94, as manager. This organization was continued for some time In the fall of 1896, an orchestra was organized by Mr W A Shaw, '88, which was continued until 1898 From this date until 1905 several attempts were made to organize an orchestra, but with little success.

In the winter of 1905-06, through the energy of George M. Moore, '07 an orchestra was organized as follows G. M. Moore, '07, 1st violin; E. N Clark, '09, 2d violin, H M. Brush, '09, cornet, L. [illegible]

Cadet Orchestra, 1910.

E. N. Clark, '09, leader and 1st violin, Walter Frost, '10, 2d violin, L P. Bailey, 09, 2d violin, H. M. Brush, '09, 1st cornet, R D Hope, '10, 2d cornet, F L. Robinson, '10, trombone, E. E Ames, Jr , '09, pianist In 1907-08 the orchestra numbered ten players as follows E. N. Clark, '09, leader and 1st violin J. C Larkin, '11, 1st violin, L P Bayley, '09, 1st violin, H. M Brush, '09, cornet; V. H Dunning, '11, flute; A P Leete, '11, 'cello, F L Robinson, '10, trombone, L N Burhoe, '11, pianist In the fall of 1908 the orchestra became a part of the Norwich Musical Clubs This year the players were E N Clark, '09, 1st violin and leader; L. P. Bayley, '09, 1st violin; R E Baker, '12, 1st violin; C F. Snow, '11, 2d violin, F L. Robinson, '10, trombone, H M Brush, '09, 1st cornet, H E Paine, '12, 2d cornet, E P Thelin, '12, clarinet, W W Whitehouse, '12, drums, H T. Baker, '12, pianist In 1909-10, the members of the orchestra were F L Robinson, '10, leader and trombone R E Baker, '12, 1st violin, L. E Snow, '13, 1st violin, J H Whitney, '10, 2d violin, H T Baker, '12, 1st cornet, R. W Newcomb, '11, 2d cornet, G M Sanborn, '13, bass, A P. Leete, '11, 'cello, M. J Buck, '12, viola, Eliot O'Hara, '13, piccolo, E W Magnus, '11, drums, L N. Burhoe, '11, pianist

The members of the orchestra for 1910-11 are L P Bayley, '09, 1st violin, M J Buck, '12, 2d violin, F C Dunham, '14, 1st cornet, S W Bayley, '14, 2d cornet, A P Leete, '11, 'cello, E. W Magnus, '12, drums, L N Burhoe, '11, pianist Maj L P Bayley, '09, served as leader.

The orchestra has done much to enliven the work on the Hill and during the last few years has furnished the music for many of the class balls and the various entertainments

A banjo club was conducted in 1891-92 and 1894-95 A mandolin and guitar club was organized in January, 1904, but its existence was brief.

In the fall of 1907 the mandolin club was organized with ten members A H Sjovall, '08, was elected manager and C. P. Strobell, '10, leader A Mr Medlin was secured as instructor and later John Brock and J C Cameron of Northfield assisted the club The members were C P Strobell, '10, G R Haight, '09, F J Noel, '11, G. G Foster, '11, first mandolins, F. M. Tilton, '11, A H Sjoval, '08, P J Lowell, '11, I B Edwards, '08, G L Uman, '11, second mandolins, A P Leete, '11, 'cello, L N Burhoe, '11, piano, concerts were given at the Methodist and Congregation[illegible]

In the fall of 1908, C. P Strobell, '10, was elected leader and L N. Burhoe manager The membership was practically the same. In 1909-10, C. P Strobell, '10, and F J Noel, '11, served as leaders and J. H Whitney, '10 manager. The members were C P. Strobell, '10, F. J. Noel, '11, G G Foster, '11, R. E. Baker, '12, and L P Cox, '13, 1st mandolins; F V Hemenway, '12, O. A. Tilton, '13, L. S Brice, '13, G. M Sanborn, '13, 2d mandolins; H T. Baker, '12, 1st guitar and M J Buck, '12, 2d guitar, E G. Ballard, '12, 1st banjo, A. P. Leete, '11, 'cello, L. N Burhoe, '11, pianist.

For 1910-11, the manager was E P Shaw, '13; leader, F. J. Noel, '11 The members were F. J. Noel, '11, G. G. Foster, '11 J. H Buckingham, '14, 1st mandolins; O A Tilton, '13, L S Brice, '13, H S Muzzy, '14, L J Scott, '14, 2d mandolins, M. J Buck, '12, 1st guitar, H. C Fisher, '14, 1st banjo, A P Leete, '11, 'cello, P W Towsley, '14, pianist.

CADET BAND

In the spring of 1885, through the persistent efforts of P. S. Randall, '86, a cadet band numbering ten pieces was organized P S Randall was elected drum major and C H Cheney, '86, leader The instrumentation for 1885–86 was as follows. F F. Haywood, '88, solo B♭ cornet, P S Randall, '86, 2d solo B♭ cornet, H. E. Dole, '90, B♭ cornet, W E Hassam, '87, solo E♭ alto, W A Shaw, '88, 1st E♭ alto, H P. Kent, '90, 2d E♭ alto, C. E Austin, '87, 1st B♭ tenor, A R Shaw, '89, 2d B♭ tenor; H H Goss, '88, tuba, H E Bates, '89, bass drum; F. T. Austin, '88, snare drum

In 1886–'87, the band was increased to fifteen members; W E Terrill, '89, was elected drum major, serving until 1889, and F. F Haywood, leader. The players in addition to those given before were. H. J. Dane, '90; P G Smith, '91; F S Palmer, '89, E E Wright, '90, H. S Denney, '88, and E W. Gilman, '89. Mr. A. C Chase of Northfield served as instructor during 1885–87.

During 1887–88, the band numbered thirteen pieces. The officers were: president, W E Terrill, '89, vice-president, A. R. Shaw, '89, secretary H. J. Dane, '09 treasurer P G Smith, '91 The players were: F. F. Haywood, '88, H. J Dane, '90, W. A Shaw, '88, P. G Smith, '91, H Dressel, Jr, '90, E A. Aseltine, '89, G L Ballou, '91, W H Sprague, '91, R A Child, '92, H H Goss, '88, A R Shaw, '89, E W Gilman, 89; F T Austin, '88.

For 1888–'89, the officers were: president, A R Shaw, '89; vice-president, W. H Sprague, '91; secretary, H J. Dane, '90, treasurer, P G Smith, '91, executive committee, C. F Parker, '90, and H C Sweeney, '91, drum major, D. W Lewis, '91, leader, P. G Smith, '91 The players were P. G Smith, '91, H. Dressel, Jr , '90, R H Child, '92, H J Dane, '90, C E Quimby, '91, C F Parker, '90, E L Young, '91, C A Dole, '91, E A. Pond, '92, G. L. Ballou, '91, W H Sprague, '91, A R Shaw, '89, F A Gokey, '92, J R Langdon, '91

For 1889–90, the officers were president, C F. Parker, '90, vice-president, H Dressel, Jr , '90, secretary, H J Dane, '90, treasurer and leader, P. G Smith, '91, drum major, G. F Bailey and D. M Lewis, instructor, A C. Chase

The band this year was composed of sixteen members as follows P. G. Smith, H. Dressel, Jr , A S Potter, G D Whiteside, R. W Porter, F D Holbrook, C. F Parker, C. G Dole, E W Gaynor, G L Ballou, E C Bennett, H J Dane, O. L Pease, W. H Sprague, F A Gokey, G L Harwood The band this year furnished the music at the Memorial Day exercises in Worcester, Vt

In 1891, the band was given up and not organized again until 1909 In 1908 the matter was agitated An editorial appears in the *Reveille* of May, 1908, setting forth the advantages of such an organization at the University In January, 1909, the band was organized by H M Brush, '10, and officered as follows E A Boyce, captain and adjutant commander, H M. Brush, second lieutenant and chief musician, T J McGarry, drum major and first sergeant, F L. Robinson, '10, sergeant, P J. Lowell, '11, R W Newcomb, '11, F J Noel, '11, R D Bodie, '11, corporals, H. T Baker, '12, R E Baker, '12, M J Buck, '12, A R Cram, '11, S B. Hawley, '12, H E Paine, '12, A N Shorb, '12, E P Thelin, '12, W. W Whitehouse, '12, privates The band since 1909 has been quartered in Jackman Hall The leader for 1909–10 was Lieut F L Robinson, '10, and for 1910–11, R. W Newcomb The drum major for 1909–10 was A P. Leete, and for 1911, W A Heathfield

RELIGIOUS WORK

The University is now non-sectarian, but the cadets are required to attend some one of the five churches in the village on Sunday The cadets are required to make their choice of a church at the be[illegible]

term. Chapel exercises are held each morning before the beginning of the academic work of the day and in charge of the president or members of the faculty For several years the pastors of the various churches in town took turns in conducting the chapel exercises

In March, 1889, a branch of the Inter-Collegiate Young Men's Christian Association was formed at the University So far as recorded, this was the first organization of its kind at the Institution The officers for this year were E A Shaw,' '91, president, R A Child, '92, vice-president, E A. Shuttleworth, '91, corresponding secretary and R L. Irish, '89, recording secretary and treasurer. The officers for 1889–90 were: E A. Shaw, '91, president, R H. Ford, '92 recording secretary, F. A. Eaton '91, corresponding secretary, E A Shuttleworth, '91, treasurer A Bible training class was organized in February, 1890, by Lieut. E H Catlin, U S. A, commandant This organization was discontinued in 1891

In October, 1895 the corps of cadets appointed the following men as delegates to the second annual meeting of the association in Bellows Falls, October 31–November 3 Charles A Plumley, '96, I H Ladd, '98, and G H Ellis, '98. An effort was made in this same year to perfect a permanent organization but without success

During 1906–07, a Bible study class was conducted at the University, and in the fall of 1908 a religious association was formed Delegates from each class attended the Bible Study Institute, conducted at the University of Vermont by the Young Men's Christian Association, October 19 and 20 In January, 1908, Mr. F. V Slack an International secretary, visited the University and through his efforts a permanent organization was formed and a constitution was adopted. The following officers were elected president, K F Baldwin, '08, vice-president, G I Rowe, '09 secretary, H T. Clark, '09; treasurer, E A Boyce, '09 The day of prayer for students was observed February 9 1908. The *Recalle* of October, 1908, speaks with praise of the work carried out by the association During 1908–09, regular services were held each Sunday evening.

On February 28, 1909, Mr Heib of the Y M C A, delivered an address on the "Importance of Bible Study," and Congressman Frank Plumley on the same date delivered an address on "Personal Responsibility."

Maj. G I Rowe served as president of the association until

April, 1909, when the following officers were elected: president, Everett Collins, '10, vice-president, K. D. Sabin, '11, secretary, W. L. Chun, '10, treasurer, W. H. Bradley, '12, committee on new students, W. F. Johnson, '10, membership, R. W. Newcomb, '11, prayer meeting, W. L. Chun, '10, Bible study, F. M. Earle, '11, finance, P. F. Emerson, 10.

In the fall of 1909, Mr. Collins resigned and K. D. Sabin was elected in his place. In 1909 and 1910 the association was represented at the summer Student Conference at Northfield, Mass., by delegates. Major Rowe represented the association at the meeting of the Eastern Presidents' Conference at Yale University in 1909 and K. D. Sabin, '11, at Union College, Schenectady in 1910. In December 1910, Maj. H. J. M. Smith, '11, J. O. Goodrich, '11 were sent as delegates to the World's Students' Conference at Rochester, N. Y. In April, 1910, the following officers were elected: president K. D. Sabin, '11, vice-president, H. M. Sherwin, '12, secretary, D. E. Field, 11, treasurer, A. E. Taplin, '12.

COMMENCEMENT WEEK EXERCISES.

The Baccalaureate sermons for this period were delivered as follows:

June 19, 1887, at	4 30 P. M., Episcopal church,	Rev. Howard F. Hill, '67
June 10, 1888, at	10 30 A. M., Methodist church,	Rev. A. H. Webb
June 23, 1889, at	10 30 A. M., Universalist church,	Rev. I. P. Booth
June 22, 1890, at	10 30 A. M., Congregational church,	Rev. W. S. Hazen
June 21, 1891, at	10 30 A. M., Methodist church,	Rev. Homer White
June 26, 1892, at	3 P. M., Chapel, Dodge Hall,	Rev. S. H. McCollester
June 25, 1893, at	3 P. M., Methodist church,	Rev. Sylvester Donaldson
June 24, 1894, at	3 30 P. M., Congregational church,	Rev. W. S. Hazen
June 23, 1895, at	10 30 A. M., Methodist church,	Bishop A. C. A. Hall, D. D.
June 22, 1896, at	10 30 A. M., Universalist church	Rev. Walter Dole, '70
June 27, 1897, at	10 30 A. M., Episcopal church,	President A. D. Brown
June 26, 1898, at	10 30 A. M., Congregational church.	Rev. A. R. Merriam of the Hartford Theological Seminary
June 25, 1899, at	10 30 A. M. Episcopal church	President A. D. Brown
June 24, 1900, at	3 P. M., Chapel, Dodge Hall,	Rev. A. W. C. Anderson
June 23, 1901, at	4 P. M. Episcopal church,	President A. D. Brown
June 22, 1902, at	3 P. M., Dewey Hall,	Rev. Charles C. Day, President Andover Theological Seminary
June 21, 1903, at	3 P. M. Dewey Hall,	Rev. Brian C. Roberts
June 18, 1904, at	3 30 P. M., Dewey Hall,	Rev. W. S. Hazen
June 17, 1905, at	3 30 P. M., Dewey Hall,	Rev. George B. Lawson
June 16, [illegible]	[illegible]	[illegible]

June 23, 1907, at 3 30 P M , Dewey Hall,	Rev C O Day
June 14, 1908, at 3 30 P M , Dewey Hall,	Rev Hilton Pedley
June 20, 1909, at 10 30 A. M , Episcopal church,	Bishop A C A Hall, D D.
June 19, 1910, at 3 P M , Dewey Hall,	Rev Sherman Goodwin

CLASS DAY EXERCISES.

For many years the class day exercises were among the most interesting events of commencement week. They were begun by the class of 1894 The exercises of that year were held Wednesday, July 1st, at 2 30 P M A parade was formed at the Barracks, under the leadership of H. L Hinman, class marshal and E. W Gibson, class president This was the first time so far as known, that class banners were used, and from that time the various classes have taken great pride in the design and workmanship of their banner The parade was marched to Concert Hall, where an interesting programme was given. Lieut. E W Gibson delivered an eloquent address to the undergraduates, Lieut H. C Holden read the class history, Lieut H B Wason delivered the tree oration and Lieutenant Storrs gave the class prophecies. Lieutenant Gibson presented the undergraduates with appropriate gifts, suited to their respective ages and mental attainments "Uncle Jim" appeared as a member of this class, and delivered a witty address to the corps From this time "Uncle Jim" was a member of each succeeding class and took a prominent part in the class exercises. Chase's orchestra furnished the music for the occasion From 1894 until 1902, the exercises were held in Concert Hall and in 1902 and 1903 in Dewey Hall

On June 24, 1895, the following programme was given. Address to the undergraduates by F J Donahue, president of the class, Class History, by C H Davis, Address on "N U" by E F Carruthers, Class Oration, F B Thomas, Class Poem by S A. Thomas, Banner Oration, B H. Prior, Step Oration, D C Warren; Class Prophecies, R S. Dowe. The presents were given the undergraduates by President Donahue; music was furnished by the Liberty Quartette.

In 1896, the exercises were given on June 24 The exercises were as follows: Address to undergraduates, by Lieut H S. Clark, class president, Step Oration, by J L Collins; Class History by G H Briggs; Class Prophecies, H R Dole, Orations by E A. Skinner and E M McCarty

On June 30, 1897, the programme was as follows: Address of Welcome, W. C. Spafford, class president; Class History, W. B Carr Class Oration "History of Norwich University" by W. A.

Ellis, Address to undergraduates, by H. V Dunham, Class Prophecies, C E Walker The presents were distributed by W C. Spafford; music was furnished by C S Carleton, '96, and P. A Dinsmoor, '98

In 1898, the exercises were given on June 29 Address of Welcome, by Edwin Booth class president, Class History, by L J Parker, Class Oration by F W Denison, Class Prophecies by G E Talbot, Step Oration, J W. Cook, Address to undergraduates by L C. Bump The gifts were presented by President Booth

In 1899, the exercises were held on June 28 George P Lowell presided and gave the address to the undergraduates, F L Aldrich read the Class Prophecy

In 1900, the exercises came on June 27 The following programme was given Class History by H S Richmond, Class Prophecies by J F Richardson, Address to the undergraduates by R G Rich.

In 1901, the exercises were held on June 26, Capt W E Robertson, presided. The following programme was given Address by the class president, W E Robertson, Class History, by I. C Ellis, Step Oration, by C D Hazen, Class Prophecies, by L M Newton, Address to Undergraduates, by L F Chamberlain

In 1902, the exercises were held on June 25

In 1903, the exercises were given on June 25 The stage arrangement this year was especially unique It was fitted up to represent a cadet's room in the barracks The various members of the class came in one by one, and when all were present Mr J. H Foster, class president, moved that a class meeting be held, which proposition was carried by loud vote The following programme was then given Address of Welcome by J H Foster, class president, Class Oration, by Allan R Williams, Address to Undergraduates, by G C Eastman, Step Oration, by E S Ball These exercises were given up in 1904, much to the regret of the alumni and friends of the University

JUNIOR EXHIBITIONS

The Junior exhibitions were not given in 1885 and 1886 They were resumed in 1887, and were held at Concert Hall The exhibition of 1887 was held on June 22 The following programme was given Essay, "Meteorology," F F Haywood Address, "The Boys in Blue," H T Way, Dissertation, "The Northfield Iron Bridge," H S. Denney, a Story, H. H Goss, Essay, "A Few Geol[illegible]

essay, "Project," F T. Austin, oration, "War," L. B. Johnson The University quartette furnished the music

In 1888, the exercises were held June 12. The following programme was given Declamation, "The Unveiling of Franklin's Statue," by G. H Cobleigh Debate, "The Duty of the young Voter," E. R. Juckett and H N. Cross, Essay "Edgar Allan Poe," F S. Palmer, Oration, "Integrity" R L Irish, Essay, "Retrospect and Prospect," W. S Prior, Class Prophecies, F H. Clark. A. R Shaw and W E Terrill gave some amusing incidents connected with the laboratory work, music was furnished by the cadet band.

In 1889, the exercises were held June 26th The programme was as follows Oration, "Commercial Union with Canada," S. B Adams, '90, Dissertation, "Food Adulteration," by H J Dane, '80, Declamation by D W Lewis, '90, Oration, "The American Navy," H. Dressel, Jr, '90, music was furnished by the cadet band and quartette

The exercises in 1890 came on June 25 The following programme was given: Oration, "Whither are we Tending," by E A. Shaw; Oration, "The Artisan and the Artist," by A F Booth; Oration, "The Silver Comage System," by G. L. Ballou, Oration. "The Indian Question," by E A. Shuttleworth, Oration, "The Australian Ballot System," by P. G Smith. Oration, "Tendency of Journalism," by G F Abbott, music was furnished by the Beedle String Quartette of Randolph. This exhibition was the last one given They were suspended owing to the press of work at commencement.

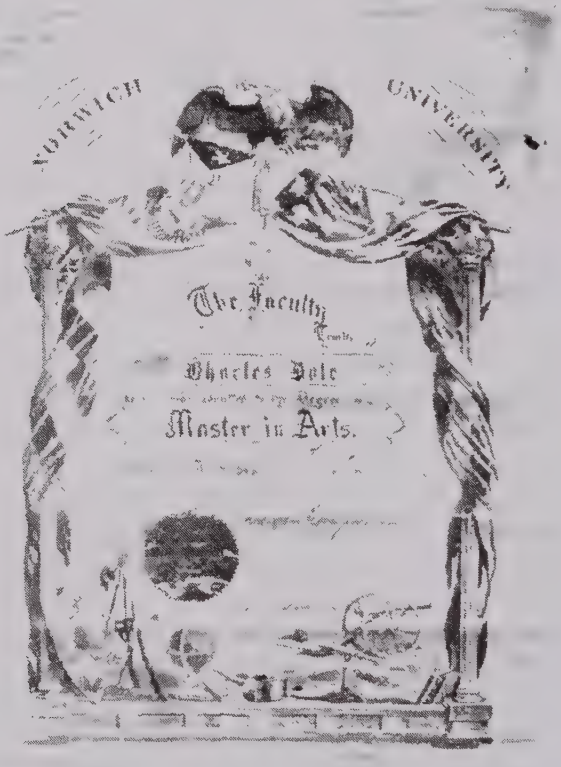
GRADUATING EXERCISES

In 1885, the graduating exercises were held at Concert Hall at 10 A M, June 18. Vice-president Nichols presided Capt Fred R Belknap delivered the Salutatory address, and Lieut. M L Chandler the Valedictory The annual address before the trustees was delivered by the Hon. John H Graham LL D, a former resident of Northfield, then residing in Richmond, P. Q. Col. H. O. Kent, '54, gave an eloquent address on the early history of "N U" and the work of her alumni The cadet band furnished the music

In 1886, the graduating exercises were held at Concert Hall at 2 P M., June 15 The Salutatory address and oration, "Labor vs Capital," was delivered by Capt E H Prince Lieut P. S Randall delivered the class oration, his subject being "Method,

the Keystone of Knowledge." The Valedictory address and oration, "Our Needs," was delivered by Lieut. C. H. Nichols. Rev. William S. Hazen of Northfield delivered the annual address before the trustees; music was furnished by the Howard Opera House Orchestra.

In 1887, the graduating exercises were held on June 23, at the Methodist church. Dr. George Nichols presided. The



Diploma of 1872.

Salutatory address and oration was delivered by Capt. W. E. Hassam, and the Valedictory by Lieut. E. V. Booth. The oration before the trustees was given by Congressman W. W. Grout. Governor Ormsbee presented the diplomas and delivered an able address to the graduating class. The exercises were held at the Methodist church until the occupation of Dewey Hall in 1902, and usually came at 10 A. M.

In 1888, the exercises came on June 14 Dr. George Nichols presided The Salutatory address was given by Lieut F F Haywood, and the Valedictory by Capt L B Johnson The class orators were Lieut W A. Shaw and Lieut F. T Austin Governor Ormsbee was unable to be present, but was represented by Gen. W H Gilmore

In 1889, the exercises were held June 27 Col George W. Hooker, (q. v) presided in the absence of Dr George Nichols. The Salutatory address was delivered by Lieut H N Cross and the Valedictory by Lieut. F E Lamb The class orators were Lieut A. R Shaw, Lieut. E R. Juckett, and Lieut R. L Irish. A number of the prominent citizens of the state were present.

In 1890, the exercises came on June 26 President Charles H. Lewis, '55, presided The Salutatory address was given by Lieut. S B Adams and the Valedictory by Lieut Herman Dressel. The class orators were Capt C F Parker, Lieut C E Collins, and Lieut I R Mower The annual oration was delivered by Hon E F Palmer, State Superintendent of Education; Governor Dillingham and Staff were present. music was furnished by the Apollo Quartette

In 1891, the exercises were given June 25 Dr. George Nichols presided The Salutatory address was delivered by Capt. C. F Abbott, and the Valedictory by Capt A I. Booth. The class orators were Lieut W H Sprague, Lieut H. G. Woodruff, and Lieut E. A Shuttleworth A number of distinguished visitors were present, among the number were Hon Redfield Proctor, Secretary of War, Governor Carroll S Page and Staff, and Ex-Governor W P Dillingham. Music was furnished by the Mozart quartette

In 1892, the exercises came on June 30 Lieut E W Clark delivered the Salutatory address and Capt E H Ryan the Valedictory The class orations were delivered by Lieut R H Ford, Lieut J S Craigue and Lieut C W Pierce The diplomas were presented by Col Fred E Smith Rev William J Harris of Brattleboro delivered the oration before the trustees. The Governor of the state was represented by his Staff.

In 1893, the exercises came on June 29 Dr George Nichols presided. The Salutatory address was delivered by Lieut G. L Andrews and the Valedictory by Lieut E W Gaynor Owing to sickness, three of the class orators, Capt F. A. Manuel, Lieut W F Hulbut and Lieut F D. Holbrook were excused

from delivering their orations General G M Dodge, '51, delivered the oration before the trustees Governor Levi K Fuller and Staff, and several distinguished citizens of the State were present.

In 1894, the exercises were held on July 28 The Salutatory address and oration was delivered by Lieut George F Storrs, and the Valedictory by Lieut J E. Ross The class orators were Capt I. C Hulburd and Lieut H C Holden Col H O. Kent, '51, delivered the annual oration before the trustees Governor Fuller and Staff were present, music was furnished by the Ideal Male Quartette of Montpelier.

In 1895, the exercises were given on June 27 Dr George Nichols presided Capt W G Huntley delivered the Salutatory address and Lieut. F. C Davis the Valedictory The class orators were Lieut P R Hoefler, Lieut H C Moseley, and Capt J. M Ryan This was the largest class to graduate since the removal of the University to Northfield Governor U A Woodbury and Staff were present. Congressman H. H. Powers gave the annual address

In 1896, the exercises came on June 26 The Salutatory address was delivered by Lieut P S Howes, and the Valedictory by Capt James L Averill. The class orators were Lieut. C A Plumley, Lieut. A G Andrews, Capt C J Scribner, and Lieut C S Carleton Ex-Governor J G McCullough delivered the oration before the trustees Governor Woodbury and Staff were present, music was furnished by the Mozart Male Quartette of Montpelier.

In 1897, the exercises were held July 1 President Allan D. Brown presided Capt W B Carr delivered the Salutatory address, and Capt C E Walker, the Valedictory. The class orators were this year selected by the class and not appointed according to scholarship and rank The orations were delivered by Lieut. W C. Spafford and Lieut H V Dunham Governor Grout was present and gave a brief address, music was furnished by the Cecilia Quartette of Montpelier

In 1898, the exercises came on June 30 President Brown presided. The Salutatory address and oration, "Education, the Power of Self Government in a Nation," was delivered by Capt A E Winslow, the Valedictory address and oration, "The Freedom of the Press," by Paul A Dinsmoor The class orations were as follows. "Divinity of the Hearth," G H Ellis, "Acquisition of Power," Charles E Duggan Rev Edward Randall of Poultney V

was present and addressed the class; music was furnished by the Cecilia Quartette.

In 1899, the exercises came, on June 29. President A. D. Brown presided. The Salutatory address was delivered by Lieut. George P. Lovell, and the Valedictory by Capt. John P. Moseley. The class orators were Lieut. F. L. Aldrich and Capt. H. K. Brooks. Governor Smith and Staff were present; music was furnished by the Cecilia Quartette.

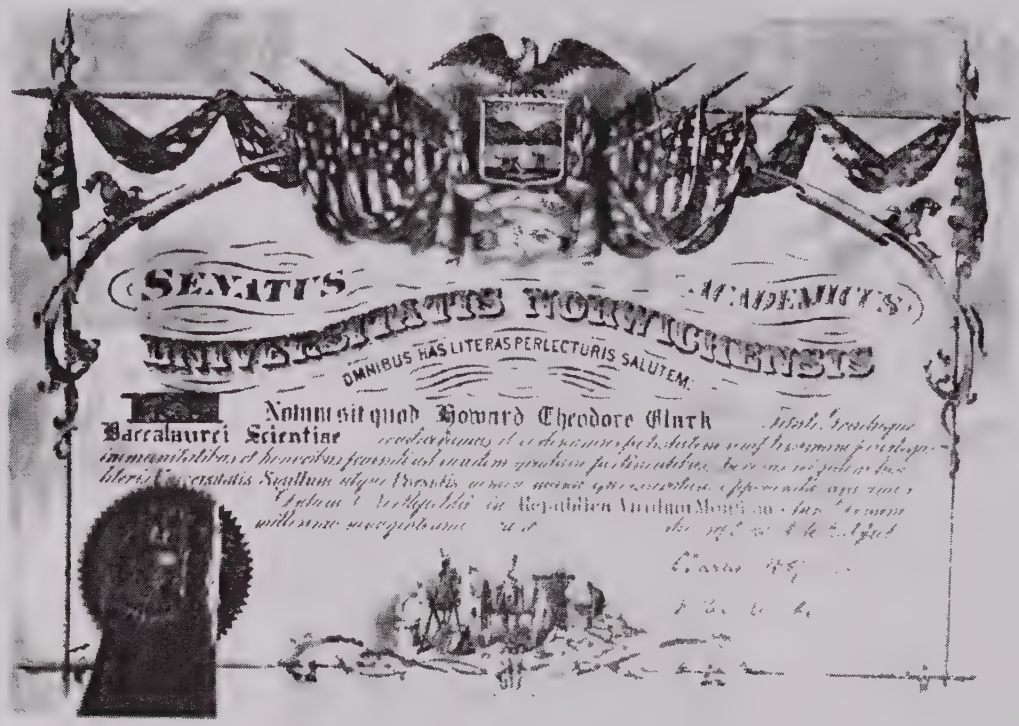
In 1900, the exercises came on June 28. Lieut. J. F. Richardson delivered the Salutatory address and Lieut. H. S. Richmond the Valedictory. The class orators were: Lieut S. H. Ashley,

Commencement, 1897.

(excused), Capt. B. W. Sibley and Lieut. R. G. Rich. Governor Smith was unable to be present but was represented by Gen. T. S. Peck and several of the state officers. Addresses were made by Gen. T. S. Peck and Ex-Governor S. E. Pingree; music was furnished by the Unitarian Quartette of Burlington.

In 1901, the exercises were held, June 27. Capt. D. O. Carr delivered the Salutatory address and H. G. Clark the Valedictory. The class orators were: Capt. W. E. Robertson, Maj. C. E. Wheatley and Lieut. F. T. Bass. Governor Stickney and Staff were present; music was furnished by a quartette from Montpelier.

Beginning with 1902, the exercises have been held in Dewey Hall. This year they came on June 26. The Salutatory ad-



Diploma of 1909.

dress was given by Maj. G H. Watson and the Valedictory by Capt L B. Stebbins The class orators were Capt R T Phinney, Lieut H M Hobson, and Lieut Frank H. Burr

In 1903, the exercises came on June 25. President Brown presided The Salutatory address was given by Capt J H Foster, and the Valedictory by Lieut S L Fuller The class orators were Lieut John H. Byrd, Lieut K R B. Flint, and Lieut. S. J Parsons. Gov J. G McCullough and Staff, Gen G. M Dodge, '51, Gen. W H Gilmore and several distinguished guests were present. General Dodge presented the diplomas and gave a brief address, music was furnished by Wilder's orchestra.

In 1904, the exercises were given on June 23 Guy C. Russell delivered the Salutatory address and George C Randall the Valedictory The class orators were Capt W S Hutchinson, Adj H. E. C Ramey, and Lieut W E C Washburn Lieut. Gov Zed Stanton, the Governor's Staff, Gen W H Gilmore, and several prominent citizens of the state were present, music was furnished by the Colonial Orchestral Club of Boston

In 1905, the exercises came on June 22 Owing to the press of military work, the exercises by the classes have been discontinued since that date and instead orations have been given by some prominent citizen This year Hon John L Lewis of Troy, Vt, delivered the Commencement address Governor Bell and Staff, Gen. G. M Dodge, '51, and several prominent guests were present General Dodge made an address on the work of the alumni.

In 1906, the exercises were held June 21 Governor G J Bell, and Staff and several prominent citizens of the State were present. Congressman D J Foster delivered the Commencement address, music was furnished by the Temple Quartette of Boston. After the exercises came the ceremony of presenting Alumni Hall to the University Trustees (q. v)

In 1907. the exercises came on June 27 The Governor of the state, unable to be present was represented by several of his Staff Ex-Governor F D. Proctor addressed the senior class, music was furnished by the "N U" Glee Club.

In 1908, the exercises came on June 18 Attorney General C C Fitts of Brattleboro represented the Governor of the state, and delivered a brief address Hon Mason S. Stone, state superintendent of education, delivered the Commencement oration Music was furnished by the University Quartette Mrs A R. Shaw, of Rio de Janeiro, Brazil, also sang

In 1909, the exercises came on June 24 Rear Admiral George

P. Colvocoresses, U. S N, '66, delivered the annual oration Governor Prouty also gave an address. The Norwich Musical Clubs furnished the music

In 1910, the exercises came on June 24 Governor Prouty and Staff were present. Gen Edward H Ripley delivered the annual oration, and Governor Prouty made a brief address, music was furnished by the Norwich Musical Clubs

CORPORATION DINNERS

The Corporation or Alumni dinners were inaugurated in 1889. The first one was given at Howe's Hall at 12 M, June 27 Over one hundred cadets and guests were present Dr George Nichols presided Hon Frank Plumley acted as toastmaster, speeches were made by Governor Dillingham, Dr Joseph Stedman, '59, Gen. T. S Peck and Mr. Warren Gibbs of St. Albans. The Apollo quartette furnished the music These dinners were given at Howe's Hall until 1892

In 1890, the dinner was given at 1 P. M. June 26 About 125 guests were present. Dr. George Nichols presided and Hon. Frank Plumley acted as toastmaster. The toasts were responded to by Governor Dillingham, Gen W L Greenleaf, Hon E F Palmer, Dr. George Nichols, Capt H V Partridge, H Dressel, Jr., '90, and N. L. Sheldon, '81 The Apollo quartette furnished the music.

In 1891, the dinner was served at 2 P M, June 25th Owing to the lateness of serving the dinner, the postprandial exercises were omitted In 1892, the dinner was served at the Northfield House at 1 P M, June 30 Dr George O Nichols acted as toastmaster Rev C H Fay, '37, gave an eloquent address on the early history of the University. In 1893, Mr. M. E Yarrington served the dinner at Howe's Hall, June 29 Hon Frank Plumley acted as toastmaster, speeches were made by Governor Fuller and Dr. George Nichols

In 1894, Mr M. E Yarrington served the dinner in Armory Hall, June 28 Hon Frank Plumley acted as toastmaster. Speeches were made by Col J. H Goulding, '65, Hon Frank Plumley, Maj H. E Alvord, '63, Dr George Nichols, Capt. H E Tutherly, U S. A, H T Cushman, Dr. J Q A McCollister, '53, Cadet H H Stearns, '94, and Dr Joseph Stedman, '59 In 1895, the dinner was given at Armory Hall on June 27.

In 1896, the Alumni dinner was given in Armory Hall, June 26 Dr George Nichols served as toastmaster. The toasts were

given as follows "Vermont," by Governor U A Woodbury, "Norwich University," by Prof Charles Dole, '69, "The Army," by Capt H F Tutherly, U S A, "The Graduating Class," by Lieut C. A Plumley, '96, "Honor," by Prof Charles Wesley Emerson, "Inland Commerce," by Gen J. G McCullough, "The Alumni," by Maj H E Alvord, '63, "The Ladies," by Gen. T S Peck

In 1897, the corporation dinner was served at Armory Hall by M E Yarrington at 1 P. M., July 1. Hon Frank Plumley served as toastmaster. The following toasts were given: "The United States," by Capt H E. Tutherly, U S A., "Vermont," Governor Josiah Grout, "Norwich University," by President Brown, "Heroism," by Gen T S. Peck, "The Class of 1897," by Cadet Capt C E Walker, '97, "The Ladies," by Hon J D Denison, '66

In 1898, the dinner was given by the ladies of the Congregational church at Howe's Hall, at 12 M, June 30 President Brown presided and Hon. Frank Plumley acted as toastmaster. Toasts were responded to by President Brown, Governor Grout, Hon George Nichols Lieut H W Hovey U. S. A., Gen T S Peck, N L Sheldon, '84, Charles Marseilles, '68, and Rev. I P Booth. The Cecilia quartette furnished the music

In 1899 the dinner was served by Mr M F Yarrington in Howe's Hall Hon Frank Plumley acted as toastmaster The toasts were as follows "The United States," Capt John W Heard, U. S. A, "The State of Vermont," Gov. E. C. Smith, "Norwich University" President Brown, "Our Honored Guests," by Gen. T S Peck, "The Alumni," N L Sheldon, '84, "The Class of 1899," Capt. J P Moseley, '99, "The Ladies," Rev. Howard F Hill, '67

In 1900, the dinner was served at Howe's Hall at 12 M, June 28, by the ladies of the Congregational church Mr. N L Sheldon, 84, acted as toastmaster The following toasts were given "United States," by Hon B. F Spaulding, '77, "The State of Vermont," by Gen T S Peck, "Norwich University," by President Brown, "The Alumni," by Rev H F. Hill, '67, "Our Honored Guests," by Dr F E Steele, '81, "Class of 1900," by Capt B W Sibley, '00, "The Ladies," by Judge E R Juckett, '89.

In 1901, the ladies of the Universalist church served the dinner at Concert Hall at 12 M June 27 Hon Frank Plumley acted as toastmaster The following toasts were given.

"Vermont," by Governor W. W Stickney, "Norwich University," by President Brown, "The Alumni," by Capt E A Shuttleworth, '91, "The Class of 1901," by Maj C E Wheatley, '01, "The Ladies," by Rev Howard F. Hill, '67.

From 1902 until 1907 the corporation dinners were served at Drill Hall In 1902 Hon. Frank Plumley acted as toastmaster The toasts were as follows. "The United States," President Brown, "Vermont," Gen Stephen Thomas, (q v) of Montpelier, (then ninety-three years of age), "New England," Rev Dr Roberts of Concord, N H., "Norwich University," Rev. William S Hazen, "The Alumni," Dr F E Steele, '80, "Class of 1902," G H Watson, '02

In 1903, the dinner was given by the ladies of the Methodist church at 12 30 P M, June 25 Rev W S Hazen acted as toastmaster The toasts were as follows "Norwich University," by President A D. Brown; "Vermont," Governor J G McCullough, "The Army," by Gen G M Dodge, '51, "The Alumni," by L B Johnson, '88, "The Class of 1903," by Maj Seth Williams, '03, "The Ladies," by George D Thomas, '76

In 1904, the Ladies of the Methodist church served the dinner at 1 P M, June 23 Prof C. C. Bill, acted as toastmaster. The following toasts were given "Vermont" by Lieutenant Governor Stanton, "Norwich University," by Hon Frank Plumley

In 1905 the dinner was served by Mr. Seth C Rich, at 12 M, June 21 Hon Frank Plumley acted as toastmaster The toasts were given as follows: "Vermont," Hon J L Lewis, "Norwich University," President C. H Spooner, "The Alumni," Gen G M Dodge, '51, "The Graduates," Lieut Edward Moore, '05, "The Ladies," by George D Thomas, 76

In 1906, the dinner was served by S C. Rich. President Spooner acted as toastmaster The toasts were as follows "The Congress of the United States," Hon D J. Foster, "Vermont," Governor C J Bell, "Norwich University," President Spooner, "The Class of 1906," by Capt C R Andrew, 06, "The Ladies," Col. H. O Kent, '54.

In 1907 the dinner was held at the Northfield House Hon Frank Plumley acted as toastmaster A fine programme was arranged Governor Prouty ably responded to the toast of "Vermont" Owing to the lateness of the hour the remainder of the programme was omitted and the alumni and guests proceeded to the parade Since this year these dinners have been discontinued

COMMENCEMENT DRILLS.

The Commencement drills have been given for many years in the afternoon, immediately following the corporation dinner.

In 1885, the drills were given as follows Infantry and Bayonet drills, Capt F R. Belknap, Artillery and Sabre drills, Lieut. M L Chandler, Broadsword drill, Capt W M Rumbaugh, commandant. In 1886, the drills came in the forenoon of June 15th as follows. Artillery drill, Lieut P S. Randall, with corporals C. E. Austin and W. E. Hassam as gunners, Broadsword drill, Lieut C. H. Nichols, Bayonet and Infantry drills, Capt L H Prince, Dress Parade, Capt W H Rumbaugh, commandant.

In 1887, the drills were given as follows Dress Parade and Infantry drills, Lieut E H Catlin, U. S A, Bayonet drill, Capt C E Austin, Sabre and Broadsword drill, Lieut W E. Hassam, Artillery drill, Lieut E V. Booth Music was furnished by the cadet band in charge of F F Hayward, '88 The corps was reviewed by Governor Ormsbee and Staff. In 1888, Infantry drill, Capt. L B Johnson, Sabre drill, Lieut F. F Hayward; Broadsword and Bayonet drills, Lieut. F T Austin, Artillery drill, Lieut W A Shaw

In 1889, the drills were given as follows Infantry drill, Capt W S Prior, Bayonet drill, Lieut W. E Terrill, Broadsword drill, G H Cobleigh, Sabre drill, Lieut E W. Gilman, Artillery drill, Lieut F H. Clark In 1890, Infantry drill, Capt C. F. Parker, Skirmish drill, Lieut H J Dane, Bayonet drill, Lieut I. R Mower, Sabre drill, Lieut D. W. Lewis, Artillery drill, Lieut C E Collins Governor Dillingham and Staff were present and reviewed the corps

In 1891, the drills were given as follows. Battalion drill, Capt A. F Booth, Company drill, Lieut C G Dole, Skirmish drill, Lieut H. C. Cady, Artillery drill, Lieut B W Farnham and Lieut C. B. Riggs In 1892, Extended Order drill, Capt. D. C. Webb; Artillery drill, Lieut. B W Gleason. Owing to a heavy shower the other drills were not given The corps was reviewed by Gen T S. Peck, Gen W H Gilmore and Surgeon General Rutherford

In 1893, the drills were given as follows. Battalion drill, Capt F A Manuel, Extended Order drill, Lieuts E. W. Gaynor and F. A Gokey, Artillery drill, Lieut E C. Bennett; Cavalry drill, Lieut. F. C. Kimball, U. S. A. In 1894, Battalion drill,

Capt. R. U Smith, Extended Order drill, Capt L C Hulburd; Artillery drill, Lieut. George E. Storrs The corps under the command of Lieut H C Keene, U S A, commandant, was reviewed by Capt H E Tutherly, U S A, and Gen W H Gilmore

In 1895, the Artillery drill, only, was given, owing to rain The corps was inspected in the Barracks In 1896 the drills were given as follows: Battalion drill, Capt James M Averill, Company drill, Capt. C S. Carleton, Artillery drill, Lieut H S Clark, Sabre and Bayonet drills, Lieut A G Andrews, Skirmish drill, Capt C J Scribner, Platoon drill, Lieut A G Andrews In 1897, the drills were given as follows Battalion drill, Capt W B Carr, Bayonet and Extended Order drills, Capt C. E. Walker, Artillery drill, Lieut W A Ellis

In 1898, the drills were given as follows. Bayonet drill, Lieut C E Duggan, Extended Order drill, Capt P A Dinsmoor, Company drill, with bugle, Lieut. Edwin Booth, Artillery drill. Lieut L J Parker Governor Grout and Staff were present and reviewed the corps In 1899, the drills were given as follows Battalion drill, Capt C H Eaton, Company drill, Lieut F L Aldrich, Bayonet drill, Lieut F A Webster, Artillery drill, Capt H K Brooks The corps under command of Capt. John P. Moseley, 99, acting commandant, was reviewed by Governor E C Smith

In 1900, the drills were given as follows Battalion and Bayonet drills, Capt B W Sibley, Artillery drill, Lieut S H. Ashley, Sabre drill, Lieut C E. Wheatley, Extended Order drill, Capt. R. G Rich Gen T S. Peck reviewed the corps. In 1901, Battalion drill, Maj. C E Wheatley, Company drill, Capt D O Carr, Butts Rifle and Calisthenic drills, Capt W C Robertson Bayonet drill, Lieut I C Ellis, Sabre drill, Lieut. L M. Newton, Artillery drill Lieut L F Chamberlain The Battalion was reviewed by the Governor In 1902 the usual drills were given

In 1903, the drills were given as follows Company drill, Lieut A R Williams Tent drill, Capt J H Foster, a camp being formed, guards posted and an attack made by the enemy, Butts Rifle drill, Capt S L Fuller Extended Order drill, Lieut M. M Stocker The Battalion was reviewed by Governor J. G McCullough Guard Mount, Capt. W. E C. Washburn, as officer of the day, Butts Rifle drill, Maj. G C Randall, Tent Drill, Capt W S Hutchinson, Rifle drill, Lieut E D Perry, Sabre drill, Lieut. J E McGreen Extended Order drill Lieut Guy G Russell.

The Battalion was reviewed under command of Maj. George C Randall

In 1905, the drills were given as follows Battalion drill, Maj H R Deal, Guard Mount, Capt E A Lawrence, Bayonet drill, Capt. P C Sinclair, Sabre drill, Capt J C Ross, Artillery drill. Lieut J J Howard, Butts Rifle drill, Maj H R Deal; Tent drill and Extended Order drills, Capts Lawrence, Ross and Sinclair In 1906, Battalion drill, Maj Bradford P. Hovey, Guard Mount, Capt H J. Betterley, Lieut. W. S Clarke and Lieut. J H Means, Sabre drill, Capt D H Gilman, Butts drill, Maj B P. Hovey Bayonet drill, Capt C R Andrews; Sham Battle, Capt D H Gilman, Capt H J. Betterley and Lieut C A Tenney

In 1907, the drills were given as follows: Battalion drill, Maj H C Pratt, Sabre and Artillery drills, Lieut. P. V. Sherman; Guard Mount, Capt. M J. Noyes, Tent drill, (B Company,) Capt L. E. Knight, Bayonet drill, (C Company.) Capt J. H Means, Skirmish drill, by Battalion Gov Fletcher D Proctor reviewed the corps, music was furnished by the Northfield Cornet Band In 1908, Battalion drill, Maj W P Fraser, Company drill, by bugle calls, Capt K F. Baldwin, Sabre drill, Capt R A North, Guard Mount, Capt L N Wheelock, Shelter Tent drill, Capt E E Day, Artillery drill, Capt R A. North, Bayonet, Butts Rifle and Calisthenic drills, Maj. W P Fraser, Extended Order drill, Capt L. N. Wheelock and Maj. W P Fraser

In 1909, the drills were given as follows Battalion and Butts Rifle and Calisthenic drills, Maj G I Rowe; Cavalry drill, Capt L A I Chapman, U S A The Battalion was reviewed and inspected by Governor Prouty In 1910, Battalion drill Maj Everett Collins Mounted drill, bareback, Capt Harold A Amley, Butts Rifle and Calisthenic drills, also Sham Battle, were given by the Battalion The corps was reviewed by Governor Prouty and Gen Edward H Ripley, U S Volunteers

COMMENCEMENT CONCERTS

For many years the Commencement Concerts have been one of the most attractive features of commencement week They were given on Thursday evening until 1904, and since this date on Wednesday evening They were given at Concert Hall during 1884–87, 1889-98, at Armory Hall, Northfield, 1888, 1901, and 1902, at Armory Hall in Montpelier in 1899 and 1900, and at Dewey Hall 1903–10

The music has been furnished as follows Howard Opera

House Orchestra of Burlington, June 18, 1885, June 15, 1886, Blaisdell's Orchestra of Concord, N H, June 23, 1887, June 14, 1888, Edmonds' Orchestra of Boston, June 27 1889, Marion Osgood Orchestra of Boston, June 26, 1890, Pavilion Band of Montpelier, Vt. assisted by Miss Nellie Guertin Clark, soloist, of Lancaster, N H, June 25, 1891, The Ladies' Schubert Quartette, of Boston, June 30, 1892 Beedle's Orchestra of Keene, N. H., June 27 1893, June 27 1895, Eastman's Orchestra of Manchester, N H, June 28, 1894, Henry's Orchestra of Boston, June 25, 1896, Eastman & Morey's Orchestra of Manchester, N H, July 1, 1897, Eastman's Orchestra of Portsmouth, N H, June 30, 1898, Wilder's Orchestra of Montpelier, 1899–1903; Colonial Orchestral Club of Boston assisted by Mr Field Kimball, humorist, 1904 and 1905, The Temple Quartette in 1906 N U '' musical clubs in 1907, 1908 and 1909, assisted by John Thomas, the well known humorist of Boston, and a former resident of Northfield, The Delphian Ladies' Orchestra of Boston, in 1910

The cadet hops continued during this period to be the most popular of the various University functions

They were given in Armory Hall in the Governor Paine Block from 1885 to 1898, at the Armory in Montpelier 1899 to 1901, at the new Armory Hall in Northfield in 1902, 1904 and 1910, at Dewey Hall, 1903 and 1905–09 The music from 1885 until 1904 was given by the orchestras that played for the concerts, 1904 and 1905 by Wilder's orchestra of Montpelier, 1906, 1907 and 1908 by Whittier's orchestra of Montpelier, in 1910 by Riley's orchestra of Barre

From 1882 until 1887, the suppers were served at the Northfield House The ladies of the Universalist church gave the supper in Good Templars' Hall in the Paine Block in 1887 and at Concert Hall in 1889 The ladies of the Episcopal church gave the suppers in 1888 and 1890 in Good Templars Hall in Paine Block

CHAPTER VIII

Record of the Alumni and Past Cadets in Civil Life.

Clergymen—Teachers—Lawyers—Judges—Senators—Congressmen—U S Ministers and Consuls—Postmasters—Governors and Lieutenant-Governors State Senators and Representatives—Chemists, Druggists, and Physicians—Dentists—Civil Engineering Work—Inventors—Merchants and Business Men—Salesmen—Insurance Men Hotel Proprietors—Bankers—Manufacturers—Lumbermen—Farmers, Planters and Ranchmen—Quarrymen—Sailors and Sea Captains—Artists, Authors and Editors—Orators and Lecturers—Librarians—Service with Secret Societies

The purpose of Captain Partridge in founding the "American Literary, Scientific and Military Academy" and later the "Norwich University," was to establish an institution for the training of a *Citizen-Soldiery* and for preparing the cadets for all the active duties of life In the previous chapters the speeches and writings of Captain Partridge have been quoted giving his ideas on education In the educational work of the old "Academy" and the University, the academic and the military work were given equal rank. To know how well the cadets have succeeded, who have followed Captain Partridge's plan of education, one has only to inspect the long lists of cadets who have been honorably engaged in the many activities of life. In the various professions, as well as in the army many of the cadets have stood at the head.

Forty-six of the graduates and past cadets have served in the ministry Their service by denomination is as follows Episcopal, 15, Universalist and Unitarian, 14; Methodist, 3, Congregational, 13, Baptist, 3, Catholic, 1, Adventist, 1; Unclassified, 3

Of the Episcopal clergymen, Rev. William R Huntington, '56, served for several years as rector of Grace Church of New York; Rev. Walter Delafield, '56, was prominent in church work in Chicago, Rev. Arthur Lawrence, '58, was for many years the rector of St Paul's Church, Stockbridge, Mass, and Rev. Edward L Stoddard, '64, was rector of St John's church of Jersey

City, N. J., the largest and most prosperous church in the state Rev Howard F Hill, '67, a clergyman of recognized ability, is now residing in Concord, N. H.

Several of the cadets have been especially prominent in the Universalist Church. Rev Theophilus Fiske, '23, was for many years one of the most prominent clergymen of the church, Rev. Alonzo A Miner, '33, was for many years pastor of the Second Universalist church of Boston and later president of Tufts college, Rev Cyrus H Fay, '37, was pastor of various churches in New England and in Washington, D C., Rev. John H Moore, '38, was for many years pastor of several of the largest churches of his denomination in New England, Rev Luther J Fletcher, '41, was one of the most eloquent preachers of the church, serving as pastor of churches in Lowell, Mass, Brooklyn and Buffalo, N. Y, and Grand Rapids Mich, Rev. S H. McCollester, '51, was for several years pastor of the church in Nashua, N H; Rev Walter Dole has been for several years pastor of the Universalist church in Northfield and the University chaplain

Rev William H. Brisbane, '26, was for many years pastor of Baptist churches in various sections of the country Rev Thomas R Owen, '28, was for many years, the leading divine of the Baptist church in North Carolina, Rev Samuel H Greene, '65, has been for several years the pastor of Calvary Baptist church of Washington, one of the largest and most successful churches in that city.

Rev. John Robertson, '65, who was for several years a successful Episcopal clergyman, became a Jesuit priest and died in the East Indies about 1890, Rev Orestes A. Brownson, '24, the distinguished philosophical writer, was for several years a clergyman in the Unitarian, Universalist, and Congregational denominations until 1844, when he became a Catholic. Rev Frederick A Barton, '25, was for several years pastor of Congregational churches in Massachusetts and chaplain of the 10th Massachusetts Volunteers in the Civil War, Rev. John C. Holbrook, '25, was for several years pastor of Congregational churches in Davenport, Iowa, Portland, Maine, and Stockton, Cal, also was for several years secretary of the New York Home Missionary Society, Rev. Elisha Adams, '32, was for several years a presiding elder in the Methodist church in New Hampshire, and Rev Charles Hundson, '54, colonel of the 11th Vermont Volunteers in the Civil War, was for several years a Methodist clergyman in Ohio and New York.

CLERGYMEN

'42 Adams, Elisha (Methodist)
'25. Barton, Frederick A (Congregational)
'91. Booth, Alfred (Universalist)
'26. Brisbane, William H (Baptist)
'25 Brownson, Orestes A
'55 Burton, William S (Universalist)
'28 Day, Rodman
'56 Delafield, Walter (Episcopal)
'28 Denison Samuel D (Episcopal)
'70 Dole Walter (Universalist)
'98 Ellis George H (Methodist)
'27 Elliot, Stephen D (Episcopal)
'37 Fay, Cyrus H (Universalist)
'23 Fiske, Theophilus (Universalist)
'43 Fletcher, Luther J (Universalist)
'55 Gorman, Thomas (Universalist)
'65 Green, Samuel H (Baptist)
'49 Hollman, Samuel A
'67 Hill, Howard F (Episcopal)
'25 Holbrook John C (Congregational
'51 Hundson, Charles (Methodist)
'56 Huntington, William R (Episcopal)
'26 Johnson, Richard (Episcopal)
'58 Lawrence, Arthur (Episcopal)
'39 Livingston, William (Universalist)
'51 McCollester, Sullivan H (Universalist)
'40 Marvin, Josiah (Universalist)
'50 May, Calvin (Universalist)
'45 Miller, Orlando D (Universalist)
'33 Miner, Alonzo A (Universalist)
'38 Moore, John H (Universalist)
'30 Newton, Benjamin B (Episcopal)
'28 Owen, Thomas R (Baptist)
'26 Phillips, John C (Congregational)
'43 Potter, Daniels C N (Episcopal)
'26 Prescott Edward G (Episcopal)
'46 Putnam, James W (Universalist)
'65 Robertson, John (Catholic)
'78 Sherman, Frederick F (Episcopal)
'28 Sill, Frederick (Episcopal)
'28 Stanley, Harvey (Episcopal)
'25 Stockbridge, Joseph (Episcopal)
'65 Stoddard, Edward L (Episcopal)
'37 Swett, Joseph (Episcopal)
'83 Tyler, George E (Advent)
'25 Tyng James H (Episcopal)
'25 Williston, David H (Congregational)

Cadets Engaged in Teaching.

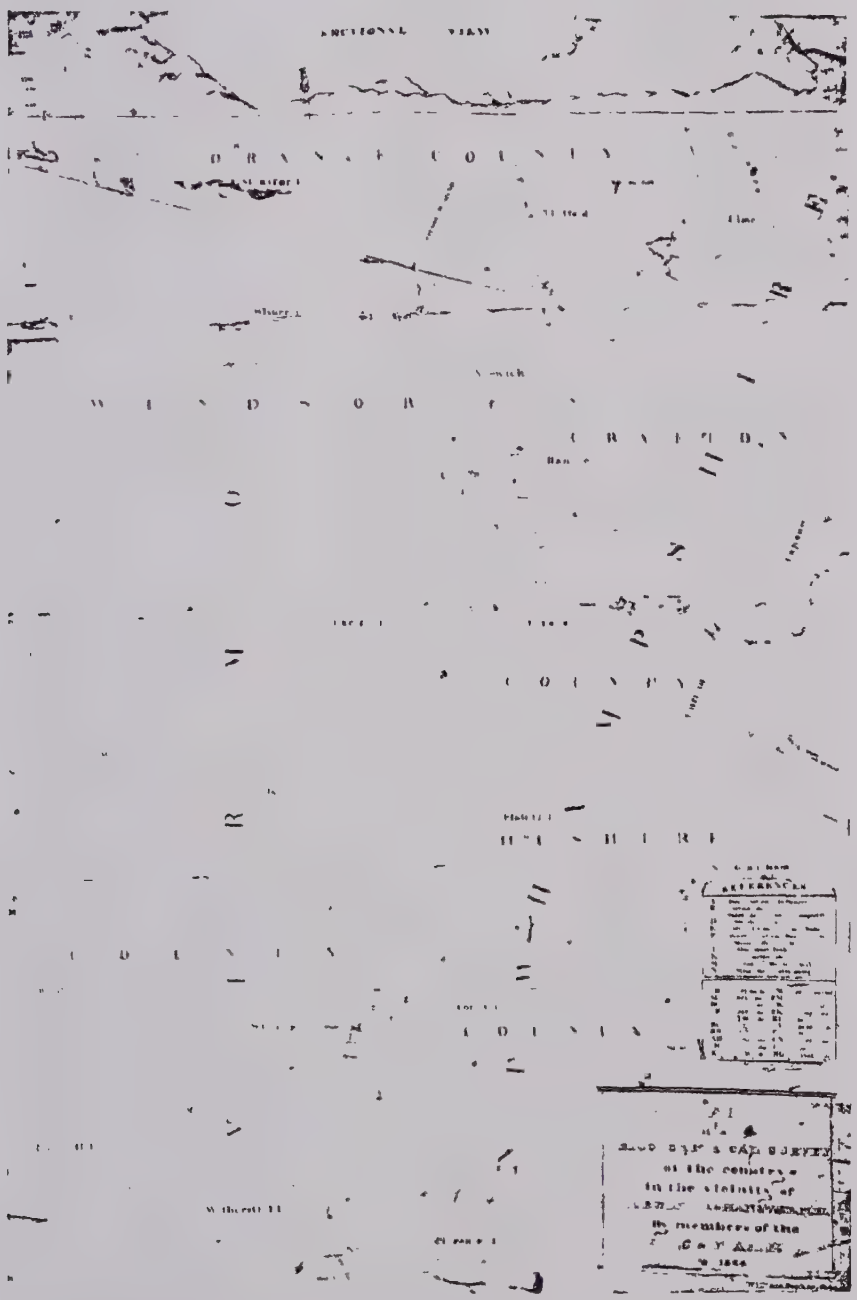
About two hundred of the cadets have engaged in teaching Of this number sixty-five have taught in military schools and an account of their work will be given in Chapter IX Benjamin M. Tyler, '23, was for many years the principal of the Instructors' School in Franklin, N H , the first normal school organized in this country Prof Ebenezer B Williston, '23, after teaching at the "Academy" was president of Jefferson college, Miss , and upon his resignation in 1832, was succeeded by John Holbrook '25, Gen James McKay '25 was for several years a noted educator in New York Prof John F Frazer '27 became the vice-provost of the University of Pennsylvania; Rev John C Holbrook, 25, as financial agent of Iowa College, accomplished much in establishing that Institution, Joseph B Bourleigh, '32, was a distinguished educator in Maryland, being the founder of Newton College in Baltimore. Rev Alonzo Ames Miner, '33, was for several years the popular and successful president of Tufts College Rev Josiah Swett, '37, in company with General Jackman, '36, established the New England Seminary in Windsor, Vt , Rev William Livingstone, '39, was for a number of years professor of Mathematics and financial agent at Lombard University, Ill

Rev. L. J Fletcher, 41, was for several years principal of the once famous Mt Caesar Seminary in New Hampshire, also principal of the Clinton Liberal Institute at Fort Plain, N Y Prof Paul Raymond Kendall, '47, served for several years as principal of the Western Liberal Institute at Marietta, Ohio, and later founded Lombard University, Ill., serving as its first president.

Prof James V N. Standish, '47, served as professor of Mathematics and Astronomy at Lombard University, from 1854 until 1892, when he was elected president, retaining this position until 1895, when he resigned He did much to advance the prosperity of that institution. Rev S H. McCollester, '51, served as principal of the Mt Caesar Seminary and the Westbrook (Maine) Seminary, and as president of Buchtell College, Akron, Ohio Col Samuel W. Shattuck, '60, has won distinction as professor of Mathematics, Dean of the Department of Mathematics, and Comptroller of the University of Illinois Since Colonel Shattuck first went to that Institution, in 1868 the attendance has increased from 140 to 5,000 students, and the expenditures from $42,000 to $2,000,000 a year. Major H E. Alvord, 63, served for some years at the various agricultural colleges and stations in Massachusetts, New Hampshire, New York, Maryland, and Oklahoma, as professor, director and president, Rev S H Greene, '65, served for some time as president of Columbian University (now George Washington) in Washington, D C Prof Adrian Scott, '71, was for several years associate professor of the Germanic Languages at Brown University Prof Malverd A. Howe, '82, has served as professor of Civil Engineering at the Rose Polytechnic Institute, Terre Haute, Ind., since 1887 Capt C K Mellen, '84, is now the successful principal of the Lafayette High School, Buffalo, N Y Twenty-three of the graduates and past cadets have served as superintendents of town and city schools Mr Herman Dressel, Jr., '89, holds the responsible position of superintendent of schools of Kearney, N J

TEACHERS

'10	Adams, Conrad A	'54	Conn, Granville P	'39	Hall, James A
'26	Alexander, Henry D W	'39	Couch, Hiram M	'57.	Hart, Elias B
'55	Andrus, Delano F	'41	Cushman, Simeon S	'46	Haskell, Henry L S
'78	Armitage, Benjamin I	'69	Denison, Charles S	'25	Hatch, Jessie P
'89	Aseltine, Elmer A	'45	Dow, Roswell	'25	Holbrook, John
'49	Averill, Chilton S	'90	Dressel, Herman, Jr	'25	Holbrook, John C
'67	Batchelder, James E	'08	Eaton, Ralph A	'48	Hooke, Enoch G
'40	Belcher, William C	'89	Ellis, G Harold	'43	Howe, Asa
'46	Bennett, Alexander	'42	Emerson, George W F	'82	Howe, Malverd A
'43	Blanchard, Lemuel W	'52	Emery, Harvey W	'57	Hubbard, David
'27	Blois, John T	'46	Unsworth, Charles E	'40	Hurlbut, Lucius
'91	Booth, Alfred F	'43	Fletcher, Luther J	'93	Hurlbut, Wilbur L
'87	Booth, Ernest V	'50	Foss, Obed	'39	Hurlbut, William B
'32	Bourleigh, Joseph B	'26	Frazer, John F	'89	Irish, Robert L
'44	Brown, Edward M	'56	Freeman Frederick N	'54	Kelley, Elisha S
'65	Brown, Leonard B	'94	Gibson, Ernest W	'47	Kendall, Paul R
'06	Burnett, Clarence N	'10	Giles, Everett T	'72	Kimball, Francis Z
'96	Carleton, Charles S	'09	Gilmour, John T	'26	Kimball, Gilman
'09	Carpenter, Merritt, E	'36	Gleason, Amery	'40.	Knight, Sumner
'96	Caswell, Herbert E	'49	Gould, Jacob P	'55	Learnard, Oscar L
'43	Chandler, William W	'49	Gray, Chauncey	'54	Leland, Oscar H
'86.	Cheney, Charles H	'97	Gray, Ransom A	'55	Lewis, Charles H
'09	Clark, Frank S	'65	Green, Samuel H	'39	Livingstone, William
'44	Clark, Thomas	'56	Guild, Edwin	'99	Lovell, George P
'38	Colburn, Neal R	'95	Gurney, Lyman	'35	Marsh, Benjamin F
'24	Colburn				



Survey of Norwich, Vt., and surrounding country, made by the corps of cadets in 1824

'39	Marsh, Samuel	'96	Plumley, Charles A	'43	Stebbins Harrison
'98	Maxwell, Charles R	'26	Porcher, Frederick A	'43	Stone, William R.
'41	McClay, William	'45	Potter Daniel S C N	'91	Storrs, George E
'51	McCollester, Sullivan H	'46	Richardson, Amos	'41	Strong, John W
'51	McFarland, Daniel	'41	Richardson, David	'37	Swett, Josiah
'25	McKay James	'25	Rhodes, Benjamin H	'72	Swett, James W
'67	McLoud, John H	'60	Robbins, Henry A	'70	Tarbell, Charles G
'84	Mellen, Calvert K	'40	Roundy, Alvin	'83	Thayer, Herbert E
'36	Morris, Henry V	'76	Rumbaugh, William M	'06	Tinker, Frank N
'63	Moses, Rufus L	'71	Scott, Adrian	'52	Tupper Calvin K
'92	Mowry, Jesse B	'39	Shattuck, Samuel	'23	Tyler, Benjamin M
'47	Murphy, James G	'60	Shattuck, Samuel W	'33	Tyler, George E
'23	Newton Calvin P	'91	Shaw, Ethan A	'48	Tyler, John W L
'47	Oliver, Caleb	'50	Shepard, George S	'26	Tyng James H
'07	Parker Eugene F	'40	Shedd, Warren	'74	Upham, Edward D
'84	Parker, Fred S	'51	Smalley, Henry A	'55	Waterman Arba N
'24	Pennock, Cyril	'48	Smith, George C	'23	Williston, Ebenezer B
'46	Pennock, Joseph	'77	Spaulding, Burleigh F	'98	Winslow, Arthur E
'23	Phelps, Edward A	'47	Standish, James V N		

SUPERINTENDENTS OF SCHOOLS AND MEMBERS OF SCHOOL BOARDS

'57	Clark, Warren	'78	Hiland, Frank E	'76.	Richardson, Waldo H
'46	Cobb, Nathan B	'58	Hobbs, George W	'71.	Scott, Adrian
'66.	Daniels, Wilbs K	'36	Jackman, Alonzo	'52	Simonds, Samuel C
'69	Dole, Charles	'78	Marsh, Edward S	'77.	Spaulding, Burleigh F
'45.	Dow, Roswell	'50	May, Calvin	'82.	Steele, Fred E
'38	Dow, Simeon	'47	Nichols, Stephen H	'83	Tyler, George E
'90	Dressel, Herman, Jr	'47	Parker, Walter W	'91.	Woodruff, Harrison L
'79	Gorton, Eliot	'66.	Reed, Charles H.		

LAWYERS

The alumni have been especially distinguished in the practice of law, 216 of the cadets having followed this profession Valentine B Horton, '25, after teaching at the "Academy," studied law and practiced his profession in Pittsburg, Pa , and Pomeroy, Ohio, with marked success Coggswell K Greene, '26 became a well known lawyer in Michigan Charles D Drake, '26, became one of the most distinguished members of the Missouri bar and later, chief justice of the U S Court of Claims. Theodore Sedgwick, 27, became a well known lawyer in New York, serving as U S Attorney of the southern district of that state.

John P Jones, '28, became prominent at the Pennsylvania bar, serving as district attorney and as a judge Charles Tracy, '28, was a well known lawyer in New York City Philip Phillips, '28, became one of the most prominent lawyers of this country, practicing in the courts of South Carolina, Alabama, Louisiana and Washington, D C William A Beach, '28, was also one of the leading attorneys of the country, being engaged in many notable cases The most celebrated were the suit of the Erie R R Co , vs Commodore Vanderbilt popularly known as the "Five Million Dollar Suit," the court-martial of Colonel North and Theodore Tilton vs. Henry Ward Beecher Thomas Bragg '28, Robert S Reid, and Michael Hoke, '29, became prominent attorneys in North Carolina, Isaac E. Morse, '28, was a prominent

member of the Louisiana bar, serving as attorney general of the state Luther R. Marsh, '29, was for many years a prominent lawyer in New York, being attorney for several railroad corporations He was for a time associated with Daniel Webster Edward Stanley, '29, became a distinguished attorney in North Carolina, serving as attorney general of the state

Jefferson P Kidder, '32, a prominent lawyer in Vermont, Minnesota and Dakota (territory), served for several years as associate justice of the U S court for the territory Jasper W Gilbert, '32, became a prominent attorney in New York, serving as a supreme judge many years. William Hull, '33, was prominent in the Wisconsin courts. Thomas J. Whipple, '37, became a leading member of the New Hampshire bar, and Winfield S Sherwood of the same class became prominent in California Gilman Folsom, 39, was a prominent member of the Iowa bar, and while a member of the state legislature in 1851, had charge of the framing of the first code of laws of the state Asa C Marvin, '39, was a prominent attorney in Missouri Youngs V Wood, '39, became prominent at the Ohio bar, serving for some years as district attorney and judge of probate Jonathan Tarbell, '39, was a prominent lawyer in New York, Mississippi and Washington D C He served as assistant attorney general of New York, also as chief justice of the Supreme court of Mississippi.

Ephraim Flint, '41, was a prominent member of the Maine bar, William L. Lee, '42, became distinguished as chief justice of the supreme court of the Hawaiian Islands, and as the framer of the first code of laws of the Islands. Henry C Longnecker, '42, was a prominent lawyer in Pennsylvania, serving for some time as district attorney. Otis S. Tenney, '45, is a prominent member of the Kentucky bar Milan H Sessions, '45, was a prominent member of the bar of Wisconsin and Nebraska Gustave A. Breaux, '47, was one of the leading attorneys of the Louisiana bar William Pitt Kellogg, '47, was for many years a leading lawyer in Illinois, Nebraska and Louisiana. He served for some time as chief justice of the supreme court of Nebraska and is now retired and resides in Washington, D. C Luther S Dixon, '48, became one of the leading attorneys of this country and, as chief justice of the supreme court of Wisconsin, gained great distinction through his learned decisions Julius P Atwood, '48, Harvey W. Emery, '52, and George E Bryant, '54, also became leading members of the Wisconsin bar.

Luther L. Baxter, '51, for a number of years a prominent lawyer in Wisconsin and Minnesota, is now an honored judge in the latter state Egbert Phelps, '55, and Arba N Waterman, '55, are prominent members of the Illinois bar Oscar E Leannard, '55, has gained distinction as a lawyer and judge in Kansas Benjamin M. Beckwith, '55, was a prominent attorney in Wisconsin and New York and John Mitchell, '57, was a leading lawyer and circuit judge in Iowa Levi W Goodrich, '57, has gained distinction as a lawyer and judge in Texas. Benjamin K Steele, '57, was for several years judge of the supreme court of Vermont George W Hobbs, '58, was a prominent corporation lawyer in Massachusetts

Dudley F Phelps, '64, became a leading lawyer in New York City, serving as district attorney, and chief law officer of the New York Custom House H A Howard, '65, and J. S Richards, '65, are prominent members of the New York bar William R Hoyt, '64 for several years a prominent lawyer in Wisconsin, is at present the U S Commissioner for Indian Territory Wesley K. Walton, '67, is a leading lawyer in Utah George E. Otis, '67, was a prominent attorney and judge in California

Samuel D Conant, '72, has gained prominence at the Massachusetts bar Fred W Gregg, '73, is a leading lawyer at Los Angeles Cal Cyrus M Johnston, '73, is a prosperous attorney at Detroit City, Minn Burleigh F. Spaulding, '77, has gained distinction as a lawyer and judge in North Dakota and Eugene M Carr, '79, is a leading attorney in Seattle Wash

Loomis S Cull, '80, is a well known lawyer in South Dakota James M Holland practiced the profession with success in North Dakota and in Washington and is now located in New York City Fred S. Parker, '84, has gained prominence at the bar in North Dakota and Wisconsin and is now city judge of West Superior, Wisconsin N L Sheldon, 84, is a prosperous attorney in Boston, and was prominent in the prosecution of the Russell Will case. Elmer R. Juckett, '89, is a leading lawyer and county judge at Hot Springs S D, and H. N. Cross of the same class is meeting with success in the profession in Springfield, Mass Edmond H Ryan, '92, is a prosperous attorney in Utah W H Sprague, '91, E C. Bennett 93, E W Gibson, '94 and F. B Thomas, '95, C A Plumley, 96 and W. S Pingree '01, are becoming prominent at the Vermont bar Arthur G Andrews, '96, in his brief career as an attorney, gave promise of a brilliant future. W E Hurlburt '93 is meeting with marked success in the pro-

fession in Wisconsin. R. U. Smith, '94, is a rising attorney at Woodsville, N. H., and Percy P. Learned, '01, is attaining success as an attorney in New York City.

LAWYERS.

'39. Adams, George B
'64 Allen, Charles P
'66 Allen, Cornelius L
'96 Andrews, Arthur G
'48 Atwood, Julius P
'49 Averill, Clinton S
'45 Barnard, John M
'00 Batchelder, Charles
'73 Bates, Frank R
'24 Baxter, Carlos
'51 Baxter, Luther L.
'51 Baxter, William R
'26 Beach, William A
'93 Bearss, Carter B
'55 Beckwith, Benjamin M
'40 Belcher, William C
'93 Bennett, Edward C
'46 Bishop, Linus D
'67 Blodgett, George B
'27 Blois, John T
'41. Bovay, Alvin E
'28 Bragg, Thomas
'47. Breaux, Gustave A
'48 Brush, Abner K
'54 Bryant, George E
'52 Burge, Royal L
'46 Burt, Charles W
'73 Burt, Henry A
'65 Carpenter, Lorenzo D
'79 Carr, Eugene M
'68 Chamberlain, James K P
'56 Chase, Arthur
'37 Sherwood, Winfield S
'58 Childs, Jonathan W
'57 Clark, Warren
'48 Colby, Gilbert W
'72 Conant, Samuel D
'43 Crooker, Jabez C
'89 Crose, Herbert N
'59 Cross, Samuel H
'26 Crowninshield, Francis B.
'45 Crowninshield, John C.
'80 Cull, Toomis S
'39 Cushman, Isaac N
'82 Davis, Charles M
'56 Davis, Thomas H.
'28, Deming, Charles F
'66 Denison, Joseph D
'30 Dewey, Thomas M
'48 Dixson, Luther S
'98 Dinsmoor, Paul A
26 Drake, Charles D
'27 Duane, William
'41 Dustin, Daniel H
'42 Emerson, George W F
'52 Emery Harvey W
'35 Estabrook, Alonzo F
'24 Fletcher, Ryland
'48 Fling, Lewis W
'41 Flint, Ephraim
'39 Folsom, Gilman
'23 French, Edward
'26. Green, Cogswell K.
'73 Gregg, Fred W
'94 Gibson, Ernest W
'67 Gibson, James
'32 Gilbert, Jasper W
'40 Gilson, James M
'57 Goodrich, Levi W
'28 Gourdin, Lewis J
'49 Gove, Jesse A
'20 [illegible]

'58 Hale, Silas K
'30 Hall, James A
'43 Hancock, Henry
'32. Harrington, Caleb B
'46 Haskell, Henry L S.
'45 Hemenway, Stillman R
'62 Henderson, Thomas A
'25 Hill, William H
'75 Hiland, Frank E
'83 Hobbs, George T
'58 Hobbs, George W
'99 Hoke, Michael
'83 Holland, James M
'48 Hooke, Enoch G
'76 Hooper, William
'25 Horton, Valentine B
'61 Houghton, Charles B
'65 Howard, Henry A
'52 Howard Henry H
'64 Hoyt, William R
'33 Hull, William
'46 Huntington, Sylvanus C
'93 Hurlbut Wilbur E
'60 Hutchinson, Charles W
'23 Hutchinson Henry S
'27 Hyde, John J
'25 Ives, Charles
'68 Johnson, Alexander B
'73 Johnston, Cyrus M.
'26 Jones, George W
'28 Jones, John P
'89 Juckett, Elmer R
'47' Kellogg, William P
'54 Kent, Henry O
'90 Kent, Henry P
'34 Kidder, Jefferson P
'58 Knowles, Samuel W
'24 Langdon-Elwin, C H
'55 Learnard, Oscar E
'01 Learned, Percy P
'42 Lee, William L
'54 Leland, Oscar H
'97 Lewis, Albert E
'38 Lillie, Jehiel
'42 Longnecker, Henry C.
'25 Loring, Francis C
'24 Lowell, Charles R
'25 Marsh, Charles C
'78 Marsh, Edward S.
'29 Marsh, Luther R
'28 Marshall, Samuel D
'39 Marvin, Asa C
'51 McFarland, Daniel
'05 McFeeters, William R
'52 Merrill, Edward B
'27 Merwin, George B
'43 Milroy, Robert H
'34 Minot George
'56 Mitchell, John
'29 Moise, Isaac E
'40 Myrick, Cyrus G
'28 Noble, William H
'45 Noyes, David K
'25 Olcott, William
'67. Otis, George E
'25. Owen, Thomas R
'58 Page, Frank A
'84 Parker, Fred S
'59 Parker, George
'44. Partridge, Frederic W
'23 Partridge, Samuel
'24 Perkins, Hamilton H
'46 [illegible]

'50 Pierce, Lafayette W.
'01 Pingree, William S
'52 Phelps, Charles
'04 Phelps, Dudley F.
'55 Phelps, Egbert
'28 Phillips, Philip
'96 Plumley, Charles A
'38 Poole, Benjamin
'66 Potter, Joel S
'25 Prescott, Edward G
'86 Prince, Earl H
'04 Putnam, George F.
'86 Randall, Phil S
'29 Reid, David S
'65 Richards, Joseph S
'49 Robinson, Calvin L
'92 Ryan, Edmond H
'28 Scoville, Charles H
'59 Seaver, Thomas O
'28 Sedgwick, Philo C
'27 Sedgwick, Theodore
'28 Seelky, Edward H
'45 Sessions, Milan H
'28 Seymour, Horatio
'84 Sheldon, Ned L
'78 Sherman, Frederick F
'52. Simonds, Samuel C
'64 Slayton, Henry L
'66 Small, Reuel
'94 Smith, Raymond U
'77 Spaulding, Burleigh F
'91 Sprague, William H
'25 Stanley, Alfred
'28 Stanley, Edward
'28 Stanley, Harvey
'57 Steele, Benjamin H
'23 Stockbridge, Tristram G
'50 Stone, Charles J F
'37 Streeter, Sebastian R
'68 Swett, Channing
'94 Sweet, Herbert L
'28 Syme, John W.
'39 Tarbell, Jonathan
'24 Temple, Robert E
'45 Tenney, Otis S
'95 Thomas, Fred B
'27 Thompson, Charles E
'05 Thompson, Daniel P
'32 Tipton, Spear S
'52 Towne, John P
'28 Tracy, Charles
'24 Van Ness, James
'57 Veazie, John A
'48 Vogel, Jacob A
'44 Wadhams, Albert I
'67 Wallingford, Charles R
'67 Walton, Wesley K.
'48 Warner, Stanley M
'55 Waterman, Arba N
'25 Webber, Sumner A
'24 Wiggin, Benjamin
'73 Williams, Charles K
'40 Wheeler, Simeon
'37 Whipple, Thomas J
'42 White, Albert G.
'41 White, Thomas W
'66 Whittier, James A L'
'63 Wood, Thomas C
'39 Wood, Youngs V
'57 Worthen, Harry N
'47 Wright, Charles R
'42. Wright, Joseph C
'25 [illegible] Samuel C

U. S. COURT OF CLAIMS

Charles D Drake, '28

CHIEF JUSTICES.

Nebraska.
William P Kellogg, '47.
Hawaiian Islands
William L Lee, '42
Wisconsin.
Luther S Dixon, '48
George W Jones, '26

STATE JUDGES

California
Winfield S Sherwood, '37
Florida
Jonathan W Childs, '58
Illinois
Arba N. Waterman, '56
Indiana.
Robert H Milroy, '43
Iowa
Royal L Burge, '52
John Mitchell, '56
Kansas.
Oscar E Learnard, '55
Minnesota.
Luther L Baxter, '51
Mississippi.
Ralph L North, '28
Jonathan Tarbell, '39
New York
Jasper W Gilbert, '32
North Dakota
Burleigh F Spalding, '77
South Dakota
Jefferson P Kidder, '32
Vermont.
Benjamin H Steele, '57

COUNTY JUDGES

California
George E Otis, '07
Mississippi
Abbott A Shattuck, '64
New York
Sylvanus C. Huntington, '16
Cornelius L Allen, '66
North Dakota
Phil S Randall, '86
Ohio
Frederick Kinsman, '28
Pennsylvania.
John P Jones, '26
South Dakota
Elmer R Juckett, '89
Loomis S Cull, '80
Vermont
Nathan B Cobb, '46
Wisconsin
Julius P Atwood, '48
Samuel C Simonds, '51
George E Bryant, '54.
William R [illegible]

JUDGES OF PROBATE.

Connecticut.
Elihu W. N Starr, '28
Georgia
Henry H Cary, '43
Michigan
Charles Rich, '25.
Coggswell K. Green, '26
New Hampshire
Hamilton E Perkins, '25
Warren Clark, '57
Ohio
Youngs V Wood, '39
Utah.
Wesley K Walton, '67
Vermont
Isaac H Cushman, '39
Thomas O Seaver, '59
Edward C Bennett '93
Ernest W Gibson, '94

CITY MAGISTRATES.

Brattleboro, Vt
Ernest W Gibson, '94
Ellendale, N D.
Phil S Randall, '86
Lawrence, Kans.
Henry H Howard, '52
Superior, Wis
Fred S Parker, '84

DISTRICT AND STATES ATTORNEYS

Connecticut
William H Noble, '27.
Louisiana
Isaac E Morse, '26
Minnesota
Daniel H Dustin, '41.
Luther L Baxter, '51
Cyrus M Johnson, '73
New Hampshire
George F Putnam, '64
New Mexico
William W H Davis, '42 Attorney General and District Attorney
New York
Theodore Sedgwick, '28
William A Beach, '28
Dudley F. Phelps, '64
Henry A Howard, '65
Ohio
Youngs V Woods, '39
Pennsylvania
John P Jones, '26
Robert Fraser, '37
Henry C. Longnecker, '12
South Dakota
Loomis S Cull, '80
Elmer R Juckett, '89
Utah.
Edmond H. Ryan, '92
Vermont
Caleb B Harrington, '32
Jefferson P Kidder, '32
Milan H Sessions, '45
Joseph D [illegible]

Virginia
George Tucker, '47
Washington
Eugene M Carr, '79
Wisconsin.
Milan H Sessions, '15
Luther S Dixon, '48
William R Hoyt, '64

CITY ATTORNEYS

Chippewa Falls, Wis
William R Hoyt, '64
Hot Springs, S D
Loomis S Cull, '80
Omro, Wis.
Wilbur E Hurlbut, '93
Rochester, N. Y.
Jasper W Gilbert, '32

CLERKS OF COURTS.

Connecticut
William H Noble, '26
Georgia
Adolphus Rutherford, '28
Illinois.
Frederick W Partridge, '45
Iowa.
Noel B Howard, '60
Maine.
Ephraim Flint, '41
Missouri.
Warren Shedd, '40
George W Jones, '26
Texas
Roswell W. Lee, '26
Wisconsin
Samuel C Simonds, '52

Political Work of the Alumni

In the political affairs of the country the alumni and past cadets have been especially prominent Twenty-three have been delegates to the national conventions of the various political parties To Alvan E Bovay, '41, belongs the honor of naming the "Republican" party He served as chairman of the committee appointed by the convention, held in Ripon, Wis, Feb 28, 1854, to found a new party in that state One of the graduates of the "Academy," Horatio Seymour '28, was the presidential nominee of the Democratic party in 1868 Gideon Welles, '26, as Secretary of the Navy, was one of the most influential members of the cabinets of Presidents Lincoln and Johnson. Thomas Bragg, '28, served for some time as attorney general in the cabinet of Jefferson Davis, president of the Confederate States Five of the alumni have served as U. S senators, and eighteen as congressmen. Thomas Bragg, '28, and David S Reid, 29, served as senators in the Confederate Congress George W. Jones, '26, Isaac E Morse, '29, and Thomas H Seymour, '29, served as ministers to foreign countries

Several of the cadets took an important part in the founding of Texas as an independent Republic George H McIntosh, '28, served as the first minister to France. William L. Lee, '42, the distinguished lawyer and judge, served as Hawaiian minister to the United States Eight of the graduates have served as U. S. Consuls Isaac T Smith, '28 was for many years a trusted consul-general and financial agent of the Kingdom of Siam in the United States George W Davis, '27, was for several years the British vice consul at Wilmington N C George Little '26 served as

U S. Marshal of North Carolina and Lewis S Partridge, '38, held the same position in Vermont.

General Jonathan Tarbell, '39, served for some years as assistant U S treasurer in Washington, and Gen B G. Farrar, '45, was U S treasurer at St Louis, Mo Four of the alumni have served as Indian commissioners and agents, eight as receivers of the U S. land office, six as U S revenue collectors, twenty-two as U S collectors of customs and employees of the Department, four as U. S commissioners, seven, as pension agents, thirty-eight as postmasters. Four are employed in the U S Weather Bureau service, and four are in the U S Railway Mail service.

Thirteen have held and are holding positions not enumerated above. Of this number Maj H E Alvord, '63, was for several years chief of the Dairy Division of the Agricultural Department, Henry O Brigham, '48, was chief clerk in the Patent Office, Col H O Kent '54, was U S Naval officer of the port of Boston Thomas J. Lasier '64, has served for many years as chief clerk of various bureaus in the Navy Department Captain William Newman, 43, was for several years chief of the capitol police, Washington Reuel Small, '66, has served for some years as official stenographer of the U S House of Representatives.

DELEGATES TO POLITICAL CONVENTIONS.

'25 Baxter, Portus
'26 Brisbane, William H
'44 Brown, Edward M
'54 Bryant, George E
'24 Darling Joshua H
'39 Davis, Mitchell M
'42 Davis, William W H
'51. Dodge, Grenville M
'64 Estey, Julius J
'25 Fletcher, Ryland
'26 Green, Coggswell K
'47 Kellogg, William P
'54 Kent, Henry O
'32 Kidder, Jefferson P
'28 Kinsman, Frederick
'43 Lee, Stephen B
'42 Longnecker, Henry C
'38 Partridge, Lewis S
'27 Phillips, Philip
'64 Putnam, George F
'49 Robinson, Calvin L
'26 Welles, Gideon
'39 Whipple, William M

PRESIDENTIAL NOMINEE.

Horatio Seymour, '28

CABINET OFFICERS.

Gideon Wells, '26
Thomas Bragg, '28

U. S. SENATORS.

Charles D Drake, '26, Mo
Thomas Bragg, '28, N C
George W. Jones, '26, Iowa
William P Kellogg, '47, La
David S Reid, '29, N C

U S CONGRESSMEN

'25 Baxter, Portus Vt
'24 Clapp, Asa W H , Me
'51 Dodge, Grenville M , Wis
'25 Holley, John M , N Y
'25 Horton Valentine B , Ohio
'26 Jones, George W , Wis
'47 Kellogg, William P , La
'32 Kidder, Jefferson P , N Dak
'42 Longnecker, Henry C , Pa
'39 Lyons, Caleb, N Y.
'28 Morse, Isaac E La
'23 Partridge Samuel N Y
'26 Phillips, Philip, Ala
'29 Reid, David S , N C
'29 Seymour, Thomas H , Conn
'77 Spalding, Burleigh F , N Dak
'29 Stanley, Edward, N C
'27 Van Rensselaer, Henry, N Y

CONFEDERATE STATES CONGRESS.

David S Reid, '29
Thomas Bragg, 29'

MINISTERS TO FOREIGN COUNTRIES.

George W Jones '26, Colombia
Isaac E Morse, '29, New Granada
Thomas H Seymour, '29, Russia

Hawaii
William L Lee, '42, Minister to United States

Texas.
George H McIntosh, '28, Minister to France

UNITED STATES CONSULS

Chile, Valparaiso
George B Merwin, '28, Secretary

China
Caleb Lyon, '39
Edward W Rice, '57
William S Vernam, '64

France, Paris
Theodore Sedgwick, '28, attaché
Thomas J. Munson, '53

Manila, P I.
Alfred P. Edwards, '27

Porto Rico
John J Hyde, '28

Siam, Bankok
Frederick W Partridge, '45

Siam.
Isaac T Smith, '28, Consul General to the United States

Great Britain
George W Davis, '27, Vice-consul to the United States

UNITED STATES MARSHALLS

George Little, '26, N C.
Lewis S Partridge, '38, Vt.

ASSISTANT UNITED STATES TREASURERS

Bernard G Farrar, '45, St Louis, Mo
Jonathan Tarbell, '39, Washington, D C

INDIAN COMMISSIONERS AND AGENTS

'39 Davis, Mitchell M , Wis
'41. Dorn Andrew J , Mo
'26 Lee, Roswell W , Tex
'43 Milroy, Robert H , Wash

RECEIVERS OF UNITED STATES LAND OFFICE

'45 Barnard, John M Iowa
'44 Brown, Edward M , N Dak
'52 Burge, Royal M , Mo
'80 Cull, Loomis L , S Dak
'39 Folsom, Gilman, Iowa
'50 Holly, Henry W , Minn
'39 Marvin, Asa C , Mo
'25 Means, Robert, Iowa

UNITED STATES REVENUE COLLECTORS

'40 Knight, Sumner
'54 Leland, Oscar H
'32 Lewis, William E
'50 May, Calvin
'41 Nalle, Benjamin F
'64 Shattuck, Abbott A.

UNITED STATES COLLECTOR OF CUSTOMS AND EMPLOYES

'24 Baxter, Carlos
'25 Clark, Henry E W.
'44 Clark, Thomas
'37 Cobb, Daniel B B
'26 Green, Coggswell K
'43. Hancock Henry
'89 Hefflon, Willard C
'26 Ilo
'27. Johnston, Daniel P
'47. Kellogg, William P
'25 Means, Robert
'45 Newman, William A ,
'89 Palmer, Fred S
'47 Parker, Walter W
'56 Penniman, Luther L
'64 Phillips, Henry M
'45 Preston, Simon M
'83 Ramsay, John W
'59 Rolfe, John
'67 Stanwood, Charles F
60 Starr, William
'49 White, Henry B

UNITED STATES COMMISSIONERS

William R Hoyt , '64, Indian Territory and Alaska
Lucius D. Pierce, '46, Vt and N H.
Calvin L Robinson, '19, Fla
Wesley K Walton, '67, Utah

FREEDMAN'S BUREAU

'47 Balloch, George W.
'61 Chandler, Edward A

PENSION AGENTS

'42 Davis, William W H
'64 Galbraith, Frederick W
'40 Gilson, James
'53 McCollister, John Q A
'25 Minot, George
'45 Partridge, Frederick W
'41 Shields, James V A.

UNITED STATES WEATHER BUREAU SERVICE

'85 Hersey, Henry B.
'09 Heyer, Hobert E
'89 Shaw, Aurin R
'88 Shaw, William A.

FORESTERS

'02 Mowry, Jesse B , R I
'03 Foster, John H

UNITED STATES RAILWAY MAIL SERVICE

'95 Dowe, Ray S
'95 Hamilton Pliny J
'94. Hinman, Harvey L
'65 Millington, Gilbert D

MISCELLANEOUS POSITIONS.

'63 Alvord, Henry E , Ch Dairy Div Agl Dept
'55 Bickford, Frederick T
'48 Brigham, Henry O , Ch Clerk, Patent Office
'90 Dole, Carl G , Clerk P O Dept
'54 Kent, Henry O , Naval Officer, Boston
'28 Irving, Sanders, Private Sec P M Gen
'64 Lasier, Thomas J , Ch Clerk, Navy Dept
'45 Newman, William, Ch Capitol Police
'64 Phelps, Dudley F., Atty. U S. Custom House, N Y
'66 Small, Reuel, Ch Clerk, Behring Sea Com and Official Reporter U S House Rep
'28 Smith, Isaac T , Com of Immigration, N Y
'53 Smith, Nathan A , Ch Clerk, P O. Dept
'26 Welles Gideon Ch Bureau of

POSTMASTERS.

'03	Andrews, George L	'41	Eaton, Robert B	'38	Partridge, Lewis S
'21	Baker, Jonathan	'24	Fletcher, Asaph G	'31	Pennock, Nathan L
'26	Barnes, William S	'94	Gillette, Heman	'24	Perkins, Hamilton H.
'41	Bean, Eli B	'25	Goodall, David	'64	Phillips, Henry M
'44	Brown, Edward M	'26	Green, Coggswell K	'43	Post, Frederick L
'54	Bryant, George E	'23	Hatch, Albert G	'49	Robinson, Calvin L
'57	Clark, Warren	'25	Hutchins, Ephraim	'52	Simonds, Samuel C
'45	Cobb, Samuel H	'54	Leland, Oscar H	'91	Sprague, William H
'59	Cross, Samuel W	'24	Lyman, Charles	'29	Starr, Elihu W N
'25	Cushman, Henry W	'23	Lyman, George	'66	Tibbetts, Charles F
'50	Dana, Stillman E	39'	Nichols, Samuel	'27	Welles, Gideon
'23	Dinsmoor, William	'55.	Noyes, David K	'39	Whipple, William M
'38	Dow, Simeon C	'45	Partridge, Frederick W		

State Political Positions.

The political positions held by the alumni and past cadets in the various states are as follows: governors, 9, acting governors, 2, military governors, 2, lieutenant governors, 3, state senators, 46, state representatives 133, clerks of senate, 4, clerks of house of representatives, 2, county clerks 6, county treasurers, 12, register of deeds, 4, county commissioners 5, sheriffs and policemen, 11, mayors, 17, aldermen, 26, town clerks, 7, secretaries of civil and military affairs, 2, bank commissioner, 1, members of board of agriculture, 3, land survey boards, 1 fish commissioner, 1

The cadets who have served as governors and lieutenant governors were distinguished men and their record has reflected great honor upon our *Alma Mater*. Many of the cadets, serving as state senators and representatives were conspicuous in their work, being members of important committees Several of the cadets, who held county and city offices, were prominent in their respective states

GOVERNORS OF STATES.

'28 Adams, James H, S C.
'28 Bragg, Thomas, N C
'24 Fletcher, Rivland, Vt
'26 Jones, George W, Iowa
'47 Kellogg, William P, La
'39 Lyons Caleb Idaho
'29 Reid, David S, N C
'28 Seymour, Horatio, N Y
'29 Seymour, Thomas H, Conn

ACTING GOVERNORS

'42 Davis, William W H, N Mex
'39 Marvin, Asa C, Mo

MILITARY GOVERNORS.

'28 Stanley, Edward, N C
'59 Rice, Edmund (Panay, P I)

LIEUTENANT GOVERNORS.

'32 Kidder, Jefferson P, Vt
'25 Cushman, Henry W, Mass
'24 Fletcher, Rivland, Vt

STATE SENATORS

California
'48 Colby, Gilbert W
'24 Van Ness, James

Connecticut.
'25 Johnson, Edwin F
'29 Hubbard, Henry G
'24 Pitkin, Samuel L
'51 Russell, Frederick W

Louisiana
'47 Breaux, Gustave A
'28 Campbell, William S
'27 Morse, Isaac E

Massachusetts
'53 Crocker, Charles T
'25 Cushman Henry W
'64 Phillips, Henry M

Minnesota
'51 Baxter, Luther L
'50 Holley, Henry W
'41 Miller, Luke E

Missouri
'29 Marvin, Asa C

New Hampshire.
'54 Kent, Henry O
'56 May, Calvin

North Carolina
'29 Reid, David S
'29 Whitefield, James B

Ohio
'29 Horton, Horace S
'66 Needham, William C H

Rhode Island
'59 Cross, Samuel H

South Carolina
'28 Adams, James H

Utah
'67 Walton, Wesley K

Vermont
'39 Baxter, Henry
'24 Carpenter, William
'39 Cushman Isaac N
'64 Estey, Julius J
'52 Fletcher Albert A
'38 Frary Solon F
'94 Gibson, Ernest W
'69 Hunt, William H
'88 Johnson, Luther B
'32 Kidder, Jefferson P
'56 Kingsley, Levi G
'55 Peake, Wells R
'48 Reynolds, Asa
'27 Sanford, William R
'39 Shattuck, Lemuel
'82 Stock, Fred E

Virginia.
'28 Yates, Frances

Wisconsin
'54 Bryant George E
'39 Davis, Mitchell M
'33 Hull, William
'45 Sessions, Milan H

CLERKS OF SENATES

William H Brisbane, '26, Wis
William Hull, '33, Wis
Calvin May, '50, N H
Charles A Plumley, '96, Vt

REPRESENTATIVES, STATE LEGISLATURE

Alabama
'26 Philips, Philip, Ala

California
'68 Cargill, Charles G
'48 Colby, Gilbert W
'43 Hancock, Henry
'45 Kellogg, Edmund B
'26 Miles, Smith M.
'37 Sherwood, Winfield S

Colorado.
'55 Buell Bela S
'50 Little, Richard S

Connecticut
'55 Bates, William M
'26 Ives, Charles
'28 Hyde, William
'28 Noble, William H
'26 Phelps, Edward A
'24 Pitkin, Samuel L
'28 Sedgwick, Philo C
'26 Welles, Gideon

Florida
'58 Childs, Jonathan W

Georgia
'25. C

Illinois.
'50 Hammond, John E W

Indiana
'49 Gleason, Newell
'45 Milroy, John B

Iowa.
'39 Folsom, Gilman

Kansas.
'55 Learnard Oscar E

Louisiana
'47 Breaux, Gustave A
'28 Ranney, Henry J

Maine
41 Bean, Eli B
'59 Brewer, Harlan P
'41 Flint, Ephraim
'55 Lord, Charles V

Massachusetts
'25 Brooks, William G
53 Crocker, Charles T
'25 Cushman Henry W
'41 Fletcher, Luther J
'57 Granger, Brownell
'64 Phillips, Henry M
'26 Prescott, Edward G
'46 Putnam, James W
'28 Moore, John H
'38 Poole, Benjamin
'26 Sigourney, Henry H W
'48 Stebbins, Edward S
'37 Streeter, Joseph H
'59 Walcott, Charles T

Michigan
'26 Green, Coggswell K

Minnesota
'46 Barron, Horace E
'51 Baxter, Luther L
'51 Baxter William R
'32 Kidder, Jefferson P
'41 Miller, Luke E

Mississippi
'37 Smith, James B

Missouri
'26 Drake Charles D
'39 Marvin, Asa C

Nebraska
'45 Sessions, Milan H , (Speaker)

New Hampshire
'54 Aiken, Walter
'25 Bartlett, Levi
'48 Cummings, David L M
'73 Daniell Harry W
'66 Daniels, Willis K
'53 George, Benjamin F
'23 Harris Thomas J
'67 Hill Howard F
'54 Kent, Henry O
'41 Moore, William H
'55 Olcott, George
'64 Putnam, George F
'45 Rutherly, William E
'37 Whipple, Thomas J
'39 Whipple, William M

New York
'25 Holly, John M
'39 Lyons, Caleb
'25 Seymour, Horatio (Speaker)

North Carolina.
'28 Bragg, Thomas
'28 Fitts, Oliver D.
'28 Stanley, Edward (Speaker)

Ohio

Hanging Bridge in the Royal Gorge.
Grand Canon of the Arkansas River, Colo., on the line of the Denver, and Rio Grande, R. R., Constructed by Col. W. H. Greenwood,' 52, Chief Engineer.

Oregon
'47 Parker, Walter W

South Carolina.
'26 Adams, James H
'26 Edings, William
'26 Phillips, Philip
'26 Porcher, Frederick A
'26 Porcher, Thomas W
'27 Sinkler, James

Vermont.
'79 Batchelder, Archie M
'25 Baxter, Carlos
'39 Baxter, Henry
'91 Cady, Heber C
'46 Cobb, Nathan B
'23 Carpenter, William
'52 Currier, Samuel H
'39 Cushman, Isaac N
'66 Denison, Joseph D
'65 Dewey, John J
'69 Dole, Charles
'64 Estey, Julius J
'51 Fletcher, Albert A.
'24 Fletcher, Ryland
'38 Frary, Solon F
'55 French, George B
'32 Harrington, Caleb B
'42 Hunt, Roswell
'69 Hunt, William H
'21 Lemmex, William H
'32 Lewis, William E
'23 Lyman, George
'93. Mattison, Hiram N
'58 Messenger, George
'51 Morris, Ephraim
'38 Partridge, Lewis S
'59. Parker, Charles E
'55 Peake, Wilbs R
'48 Reynolds, Asa
'59 Rolfe, John M
'28 Sanford, William R
'59 Seaver, Thomas O
'39 Shattuck, Lemuel
'81 Smith, Marshall D
'82 Steele, Fred E
'03 Stocker, Marshall M.
'25 Webber, Sumner A
'41 Warren, Stephen N

Virginia.
'28 Syme, William
'47 Tucker, George
'40 Wheeler, Simeon

Wisconsin
'41 Bovay, Alvin E
'54 Bryant, George F
'50 Dana, Stillman E
'39 Davis, Mitchell M
'52 Emery, Harvey W
'30 Hull, William (Speaker)
'93 Hurlbut, Wilbur E
'45 Noyes, David K
'45 Sessions, Milan H
'43 Stebbins, Harrison
'28 Sterling, Theodore B

GOVERNOR'S COUNCIL, N H.

William E Tutberly, '45, N H

CLERKS OF HOUSES OF REPRESENTATIVES

Henry O Kent, '54, N H
Charles A Plumley, '96, Vt

DELEGATES, STATE CONSTITUTIONAL CONVENTIONS.

'47 Breaux, Gustave A , La
'24 Carpenter, William, Vt
'26 Crowninshield Francis B Mass
'28 Dral
'24. Fletcher, Ryland, Vt.
'50 Holley, Henry W , Minn
'29 Horton, Valentine B , Ohio
'32 Kidder, Jefferson P , Vt
'39 Lyon, Caleb, Cal (Sec)
'39 Marvin, Asa C , Mo
'43 Milroy, Robert H , Ind
'24 Minot, George, N H
'28 Phillips, Philip, Ala & S C
'29 Reid, David S , N. C
'25 Ruthford, Adolphus, N C
'77 Spalding, Burleigh F , N D
'37 Whipple, Thomas J , N H

SECRETARY OF STATE

Ephraim Flint, '41, Me
Samuel H Cross, '59, R I

STATE TREASURERS

Andrew J Dorn, '41, Tex
Henry M Phillips, '64, Mass

STATE AUDITOR

Samuel H Cross, '59, R I

COMPTROLLERS OF STATES

Gideon Welles, '26, Conn
William F Collins, '28, N C

SECRETARY CIVIL AND MILITARY AFFAIRS

Joseph H Goulding, '65, Vt
Joseph D Denison, '66, Vt

RAILROAD COMMISSIONERS

Gilbert W Colby '48 Cal
Granville P Conn, '54, N H
Charles Batchelder, '00, Vt (Sec)

BANK COMMISSIONERS

Edward A Phelps, '27, Conn

BOARD OF AGRICULTURE

Charles Rich, '25, Mich
Henry W Cushman, '25 , Mass
George E, Bryant, '54, Wis

STATE LAND BOARD UTAH.

Wesley K Walton, '67, Secretary

STATE FISH COMMISSIONERS

Henry H Cary, '43, Ga

SUPERINTENDENT OF PUBLIC PROPERTY WISCONSIN

George E Bryant, '54

STATE BOARD OF HEALTH.

Granville P Conn '54, N H (Chairman)
Fred R Belknap, '85, Mich.
Guy G Russell, '06, Mass , (Chemist)

COMMISSIONERS OF HEALTH.

Samuel H Cross, '59, R I

UNITED STATES FAIR COMMISSIONERS.

William W H Davis, '42, Paris Exposition, 1878
Edmund Rice, '60, Marshal Louisiana Purchase 1904
James V Sweester, '55, World's Fair 1893
Wesley K Walton, '68, Louis & Clark 1905,

WARDEN STATE PRISON

Leonard R Welles, '26, Conn

STATE AGENT, CARE OF WOUNDED SOLDIERS

Luke E Miller, '41, Minn

STATE STATISTICIAN, MASSACHUSETTS

Frank S Drown, '03

COUNTY CLERKS.

'39 Cushman, Isaac N, Orleans Co Vt
'55 French, George B, Windsor Co Vt
'26 Green, Coggswell K, Berrien Co Mich
'25. Rich, Charles, Lapeer Co, Mich
52 Simonds, Samuel C, St Croix Co Wis
'41 Snow, Asa H, Richland Co, N D

COUNTY TREASURERS

'25 Baker, Jonathan, Sullivan Co N H
'55 Buell, Bela S, Lake Co, Colo
'52 Burge Royal L, Henry Co, Mo
'61 Chandler, Edward A, Redwood Co, Minn.
'58 Childs, Jonathan W, Alachua Co, Fla
'39 Cushman, Isaac N, Orleans Co, Vt.
'38 Dow, Simon C, Waupaca Co, Wis
'45 Dow, Roswell, De Kalb Co, Ill
'28 London, Henry A, Chatham Co N C
'93 Mattison, Hiram N, Orange Co, Vt
'45 Milroy, John B, Carroll Co, Ind
'38 Young, Nathan S, Batavia Co, Ill

REGISTER OF DEEDS.

'27 Blois, John T, Wayne Co, Mich
'32 Flint, Martin M, Wis
'50 May, Calvin Cheshire Co, N H
'25 Rich, Charles, Lapeer Co, Mich

COUNTY COMMISSIONERS

'24 Hathaway, Guilford H, Bristol Co, Mass
'40 Hurlbut, Lucius, Chautauqua Co, N Y
'48 Gray, Chauncey, Washington Co, Wis
'43 Stebbins, Harrison, Rock Co, Wis
'45 Tutherly, William F, Sullivan Co, N H

SHERIFFS AND POLICEMEN

'26 Demming, Miner R, Hancock Co, Ill
'90 Henry, Charles C, Worcester, Mass
'76 Jewell, Eben B, Dowagiac, Mich.
'40 Knight, Sumner, Cheshire Co, N H
'95. Moseley, Harry C, Washington Co, Vt
'54 Munson, William D, Chittenden Co, Vt
'45 Newman, William A, Chief Capitol police Washington, D C 1864-67
'43 Post, Frederick S, San Francisco, Cal
'26 Rutherford, Adolphus, Baldwin Co, Ga
'64 Shattuck, Abbott A, Colfax Co, Miss
'91 Sprague, William H, Orange Co Vt

MAYORS

'73 Damell, Harry W, Franklin N H
'37 Gilson, George W, Peru, Ill
'25 Hatch, Joseph D, Burlington, Vt
'63 Hayes William B, Pittsburg, Pa
29 Horton, Horace S, Pomeroy, Ohio
'56 Kingsley, Levi G Rutland, Vt.
'25 Johnson, Edwin F, Middletown, Conn
25 Means, Robert, Sioux City, Iowa
'26 Miles, Smith M, Marysville, Cal
'25 Moore, Samuel, Michigan City, Ind
'84 Parker, Fred S, Superior, Wis.
'47 Parker, Wilder W, Astoria, Ore
'64 Phillips, Henry M, Springfield, Mass
'28 Seymour, Horatio, Utica, N Y
'59 Sargent, Harlin P, Brewer, Me
'24 Van Ness James, San Francisco, Cal (First)
'41 White, Thomas W, San Jose, Cal. (First)

ALDERMEN

'46 Barron, Horace E, Faribault, Minn
'25 Brooks, William G, Boston, Mass
'54 Bryant, George E, Madison, Wis
'53 Crocker, Charles F, Fitchburg, Mass,
'50 Dana Stillman E Portage, Wis
'67 Davidson, Harlan P, Highland Park, Ill
'25 Dorr, Ralph S, San Francisco Cal
'87 Field, Wesley O, Concord, N H
'25 Hatch, Joseph D, Burlington, Vt
'24 Hathaway, Guilford H, Fall River Mass
'64 Hazelton, Walter S, Elkhart, Ind
'35 Lord, Charles V, Bangor, Me
'25 Lord, Nathaniel, Bangor, Me
'64 McCulloch, Frederick H, Fort Wayne, Ind
24 Minot, George, Concord, N H
'64 Morey, Arthur P, Sedalia, Mo
66 Needham, William C H, Gallipolis, Ohio
'26 Noble, William H, Bridgeport, Conn
'80 Parker Frank H, Burlington, Vt.
'47 Parker, Walter W, San Francisco Cal and Astoria, Ore.
'64 Phillips, Henry M, Springfield, Mass
66 Tibbetts, Charles F, Augusta, Me
95 Thomas, Fred B, Montpelier, Vt
'78 Sherman, Henry L, Lawrence, Mass
'66 Small, Renel, Deering, Me
'25 Varnum, Phineas F, Portland, Me

TOWN CLERKS

'28. Ames, Austin D, Montpelier, Vt
'59 Cross, Samuel H, Westerly, R I
'82 Hobbs, George T, Uxbridge, Mass.
'54 Kent, Henry O, Lancaster, N H
'58 Messenger, George, Norwich Vt
'61 Sleeper, Van B, Lowell, Mass (Treasurer)
'41 Snow, Gustavus, Holyoke, Mass

CHEMISTS, DRUGGISTS, AND CHEMICAL TECHNOLOGICAL COMPANIES

Fifty of the alumni and past cadets have followed the profession of chemists and druggists. Several of the cadets have engaged in the oil business. George H Bissell, '38, William H H. Hall, '47, and Charles F Tillinghast, '64, were extensive owners of oil wells in Pennsylvania. Hartop P Thomas, '54, was heavily interested in wells in Canada. William H Johnson, '65, is an extensive operator of wells in Oklahoma, and H I Bettis, '85, in Mexico. Edward D Adams, 64 is serving as director of the Union Petroleum Co.

American Cotton Oil Trust
Edward D Adams, '84, Director

Casein Company of America
Henry V Dunham, '97, General Manager
Hezekiah K Brooks, '99, Assistant Chemist
Richard F Barker, '03, Superintendent

Chilton Paint Co
Waldo P Clement, '72, President

N K. Fairbanks Co
Edward D Adams, '64, President and Director

Merrimac Chemical Co
Robert B Eaton, '41, Superintendent

National Lead Co
Charles B Field, '74, Assistant Manager

Tampico Petroleum Co. (Mexico)
Horace I Bettis, '85, Director and Secretary

Tartar Chemical Co.
Edward McC Peters, Superintendent

Union Petroleum Co
Edward D Adams, '64, Director.

CHEMISTS

'05 Brennan, Vincent J
'99 Brooks, Hezekiah K
'02 Chase, Henry A
'97. Dunham, Henry V
'25 Hayes, Augustus A
'57 Hayes, Samuel D
'06 Hovey, Bradford P
'92 Lawrence, Irving A
'09 Lord, Harold M
'04 McGreen, Joseph E.
'04 Russell, Guy G
'97 Walker, Charles L

DRUGGISTS

'93 Andrews, George L.
'96 Baker, Roy D
'96 Brooks, Charles H.
'96 Brooks, William G
'99 Burnham, George C
'47 Chase, Francis
'97 Clogston, William E
'90 Dane, Homer J
'96 Emery, William D
'68 Gilbert, Nathan A
'93 Harwood, George L
'72. Kimball, Francis Z
'94 Morrill, Charles O
'90 Mower, Ira R
'56 Mussleman, Frank L
'71 Owen, William G
'80 Parker, Frank H
'12 Partridge, Henry L
'93 Pease, Orin L
'77 Stephens, Robert M
'89 Ternill, Willis E
'56 Tuttle, Albert C
'17 Tucker, George
'99 Allen, Leon B
'03 Anderson, William N
'28 Armstead, William A

PHYSICIANS

One hundred and twenty of the alumni and past cadets have followed the profession of medicine. Over twenty were surgeons in the army and navy and in the Civil War. Gilman Kimball, '23, became distinguished as a professor and lecturer in Medical

Colleges. Edward E. Phelps, '24, was for many years professor in the Dartmouth Medical college John D. Russ, '24, became prominent in his service as surgeon of the Grecian army, during 1827-30, in the war with Turkey He was one of the first in the country to give attention to the education of the blind, serving as the first president of the New York Institution for the Blind Thomas G Lee, '25, became a prominent alienist, serving as superintendent of the McLean Asylum for the Insane at Charlestown, Mass Henry F. Leib, '29, a prominent physician in Philadelphia, was distinguished for his service during the prevalence of cholera in Chester, Pa., of which disease he died.

Mitchell M Davis, '39, was a prominent physician in Wisconsin, Henry Clark, '42, lost his life in caring for the sick in Lawrence, Kan., during the epidemic of cholera in that city in 1855 George C Jarvis, '52, became one of the most prominent surgeons of the country, being one of the first to successfully operate for appendicitis. J. Q. A McCollister, '53, a prominent surgeon during the Civil War, is now one of the most successful physicians of Waltham, Mass Granville P Conn, '54, is one of the most successful physicians in New Hampshire and has served for many years as a professor at the Dartmouth Medical College

Henry A Robbins, '50, is a distinguished physician and professor in Washington, D C Theodore H Kellogg, '62, is one of the best known alienists in this country, having served as superintendent of various hospitals for the insane in New York. He is now conducting a sanitarium at Riverdale, N. Y. John W. Parsons, '63, is a successful physician at Portsmouth, N. H., Clarence W Tolles, '65, is a prosperous physician at Claremont, N H, and has served for several years as surgeon of the Claremont Cottage Hospital W E C Needham '66, was for many years a prominent physician at Gallipolis, Ohio, performing conspicuous service in caring for the passengers and crew of the steamer *John Porter*, who were stricken with yellow fever near that city. Edward W. Sawyer, '68, gained distinction in the profession in Chicago, Ill, serving for several years as lecturer at the Rush Medical college He was also the inventor of many medical instruments

Waldo H. Richardson, '76, and R L Irish '89, are prominent physicians in New York City. Fred E Steele, '82, has met with marked success in the profession and has served for some time as chairman of the state board of supervisors for the insane Fred R. Belknap, '85, has gained prominence in the profession in Michigan

View of Niagara Falls, N. Y., showing the property of the Niagara Falls Power Company, Edward D. Adams, '64, President.

serving for some time on the state board of health Myron R Chandler, '85, is the city physician of Barre, Vt Erasmus A. Pond, '92, has gained prominence as a surgeon in the Philippine Islands Benjamin W Gleason, '92, is a prominent physician in Athol, Mass Joseph H Ladd, 98, is the superintendent of the Rhode Island School for the Feeble Minded.

PHYSICIANS.

'39	Baxter, Henry	'27	Hill, John H	'46	Perkins, Marshall
'56	Baxter, Jedediah H	'05	Holland, Daniel O	'24	Phelps, Edward A
'96	Beauclere, Wilham P.	'99	Hurlbut, Chester J	'24	Phelps, Edward L
'85	Belknap, Fred R	'27	Hyde, William	'46	Pierce, John S
'04	Buell, James W	'89	Irish, Robert L	'92	Pond, Erasmus A
'47	Buswell, Albert	'52	Jarvis, George C	'28	Porcher, Thomas W
'64	Call, Norman	'42	Jennison, John F	'87	Ranney, Archie J
'64	Cargill, Charles G	'90	Judkins, John H	'25	Rhodes, John
'43	Cary, Henry H	'62	Kellogg, Theodore H	'76	Richardson, Waldo H.
'85	Chandler, Myron L	'25	Kennedy, Andrew L	'48	Richmond, Joseph S
'26	Chase, Alexander R	'60	Kilburn, Byron H	'60	Robbins, Henry A
'42	Clark, Hiram	'23	Kimball, Gilman	'24	Russ, John E D
'48	Comings, David L M	'51	Kingsbury, Charles F	'68.	Sabine, George K
'58	Congdon, Martin V B.	'98	Ladd, Joseph H U	'68	Sawyer, Edward W
'54	Conn Granville P	'78	Lambert Thomas S	'91	Sleeper, George E
'39	Coueh, Hiram M	'25	Lee, Thomas G	'60	Smith, Sumner T
'07.	Cray, Eugene J	'66	Lefavor, Wilton F	'27	Southmayd, Samuel G
'52	Curner, Samuel H	'28	Leib, George C	'38	Stebbins, Edward S
'39.	Davis, Mitchell M	'28	Leib, Henry F	'59	Stedman, Joseph
'25	Denison, Joseph A	'38	Lewis Charles D	'82	Steele, Fred E
'26	De Wolf, John J	'50	Lincoln, Francis M	'05	Steele, Fred E, Jr
'48	Drew, Frederick P	'95	McAllister, Sheridan	'41	Stevens, Justin E
'07	Eastman, Oliver N	'53	McCollister, John Q A	'23	Stockbridge, Tristram G
'91	Eaton, Francis A	'28	McDermott, Charles		
'52	Emerson, Charles L	'96	McCarty, Edward M	'65	Stoddard, Samuel F
'34	Ensign, William H	'69	Marble, Henry	'38	Stone, John
'00	Field, Everett H	'24.	Marsh, Joseph	'37	Strater, Joseph H
'59	Foster, Edwy	'39.	Marsh, Samuel	'28	Strudwick, William F
'26	Fox, William C	'41.	Miller, Luke E	'26	Sullivan, James S
'24	Gallup, George G	'28	Morton, Robert	'64	Sumner, James B
'67	Gilman, Benjamin B	'01	Mullin, Norbert V	'23	Thorp, John G
'92	Gleason, Benjamin W	'17	Murphy, James G	'65	Tolles, Clarence W
'79	Gorton, Eliot	'66	Needham, William C H	'26	Waring, Morton
'24	Gourdin, William D	'39	Nichols, Samuel	'99	Webster, Frederick A
'49	Granger, Lyman C	'26	North, Richard L	'47	Whipple, Solomon M
'53	Greeley, George P	'64	Ordway, Leonard S	'42	Whiteomb, Henry H
'69	Hathaway, Clarence I	'47	Parker, James G	'94	Whiteside, George D
'26	Heriot, George	'63	Parsons John W	'78	Woodward, Julius H
'40	Hewitt, Sylvester M	'64	Peek, John H	'29	Wright, David M
'65	Hill Augustus V	'02	Peek, Martin W		

DENTISTS.

Twenty-one of the alumni have followed the profession of dentistry:

'00	Allen, Burt F	'78	Douglass, Benjamin H	'95	Huntley, Walter G
'87	Austin, Charles E	'88	Elhs, Pearl L	'07	Knight, Leroy E
'83	Blanchard, Edwin O	'01	Flint, William H	'48	Nichols, Stephen H
'91	Chadwick, Homer R	'52	Ford, Charles J	'01	Patterson, Albert C
'66	Clark, Charles S	'59	Foster, Edwy	'89	Shaw, Aurin R
'32	Denison, Henry C	'93	Gaynor, Eben W	'50	Shepard, George S
'09	Dole, Frank D	'24	Greenwood, Edwin L	'18	Weston, Edmund

CIVIL ENGINEERING WORK

More of the graduates and past cadets (549) have followed the profession of Civil Engineering, than any other line of work. The life of an engineer is one full of dangers and privations, and the military education received at the University has trained the men

to become self-reliant and able to cope with adverse circumstances The habits of precision, promptness, and the *willingness* to obey orders have made the Norwich graduates marked men Norwich graduates were largely pioneers in early railway construction work in this country This branch of engineering has especially attracted the men, no doubt, owing to the greater advantages offered for active administrative work The graduates of the University have become eminent as railroad builders not only in this country, but also in Europe, Canada, Mexico, Central and South America, Cuba, the Philippine Islands, and in China

The first steam railroad in this country, the Pottsville and Danville R. R., in Pennsylvania, was built by Moncure Robinson, '24 Edwin F Johnson, '25, became one of the distinguished engineers of this country. He was the first, in 1825, to advocate the building of a railroad across the continent He wrote extensively on the subject and it was due largely to his writings that the idea became popular He was the chief engineer of many thousands of miles of railroad, his crowning achievement was the building of the Northern Pacific R R Joseph D Allen, '25 made the first surveys, in 1836, for a railroad entering New York City He was chief engineer on many important works and was one of the first engineers to advocate the establishing of the present standard guage track

William Parker, '25, was another distinguished engineer He was for several years superintendent of the Panama R. R., with his cadet associate, George M Totten, '27 Hiram P Woodworth, '25, was the chief engineer for the Illinois Internal Improvement Commission and William R. Lee, '25, was the chief engineer of the Boston and Providence and other railroads in New England William P Parrott, '25, was chief engineer on several railroads in New England, and one of the founders of the Boston Society of Civil Engineers George M Totten, '27, gained a high rank in his profession He was chief engineer of many railroads in this country but his crowning achievement was the construction of the Panama R R., under almost unsurmountable difficulties. Henry J Ranney, '28, was chief engineer of the Lexington & Ohio R. R., the first steam railroad west of the Allegheny Mountains He was also chief engineer of several railroads in Louisiana. William Bradford Gilbert, '28, was chief engineer of several thousand miles of railroads in the Eastern states and the Middle West, and William S Campbell, '28, was a prominent railroad engineer [illegible]

of several railroads and was one of the founders of the American Society of Civil Engineers

H. V. Morris, '36, Benjamin F. Marsh, '36, and John H Sargent, '38, were prominent engineers of many of the roads of the Middle West, Franklin Wright, '34, was chief engineer of many of the railroads in Pennsylvania and the South and Robert Frazer, '36, was a consulting engineer in Philadelphia, serving for several years as president of the Wilmington & Reading R. R.

Frederick W Lander '41, was chief engineer of several railroads in New England and the Middle West and Asa Howe, '42, was prominent in railroad work in Vermont, Pennsylvania and Wisconsin Charles E Denison, '45, and Edmund B Kellogg, '45, were chief engineers of roads in Illinois

Edwin McNeill, '45, gained distinction in the profession His most important work was the construction of the Delaware, Lackawanna & Western R. R , through the Delaware Water Gap, one of the most difficult pieces of engineering work in the East. Simon M Preston, '45, was the chief engineer of several roads in Louisiana and Iowa, Napoleon Boardman, '47, was chief engineer of many hundred miles of road in Wisconsin and Michigan Francis Chase, '47, was engineer on several roads in Ohio, Illinois and Michigan and Newell Gleason, '49, on several railroads in Indiana, Illinois, Michigan and Iowa

H W. Holley, '50, was chief engineer of the Southern Minnesota R R , Joseph E Young, '50, was chief engineer and promoter of several of the railroads in the Middle West, and is now a consulting engineer in Chicago, Ill. Richard S Little, '50, was a prominent engineer on railways in Illinois and Wisconsin and J. B. T Mead, '51, was chief engineer on roads in Indiana and Illinois.

Grenville M Dodge, '51, is one of the most prominent railroad engineers of this country. He conducted the first railway survey across the State of Iowa, but his greatest achievement was the construction of the Union Pacific R R., from Council Bluffs, Iowa to Promontory Point, Utah In the prosecution of this work he conducted many thousand miles of reconnoissance surveys He has, as chief engineer, constructed over 20,000 miles of railroad, and has made over 100,000 miles of reconnoisance surveys.

William H Greenwood, '52, also became a distinguished engineer, constructing over 4,000 miles of road His most noted work was the construction of the Denver & Rio Grande R R., through the Royal Gorge in Colorado, and the construction of the famous "swing bridge" on this road Leonard J Wright, '52,

was engineer on several railroads in New England and in Pennsylvania, and Benjamin F. George, '53, of Bennington, N H, was an engineer on several of the roads in the Middle West and in New England Walter Aiken, '53, was engineer in charge of the construction of the road on Mt. Washington, in New Hampshire This was the first road of the kind built in the world Sewall Truax, '53, was chief engineer of the Walla Walla & Columbia River R. R, the first road constructed in Washington James E Ainsworth gained distinction as an engineer, having constructed over 2000 miles of road Holland Wheeler, '59, a prominent engineer at Lawrence, Kan, was chief engineer on several of the roads in Kansas and Nebraska. Charles T Walcott, '59, of Greenfield, Mass, was an engineer on several of the railroads in New England, and George V Boutelle, '59, became a prominent engineer on railroad work in Illinois.

Nicholas Tanco, '62, was a prominent engineer on railroads in Cuba, Central and South America, and Lloyd B. Fuller, '64, of Chicago, Ill., has been the chief engineer of several railroads in Illinois, Indiana and Missouri Horace C. Henry, '64, is one of the best known railroad contractors in this country, having built several thousands of miles of road for the Great Northern, Northern Pacific, "Soo" System, and the Chicago, Milwaukee, and St Paul Railroads Nathaniel W Ellis, '68, was an able assistant to General Meigs on the construction of a railroad from Arequipa to Puno in Peru William H Wentworth, '68, was engineer on several of the railroads in Louisiana and Texas He has the distinction of running the longest tangent in America—150 miles—from the Mississippi river to Houston Texas. He became one of the best known engineers in Mexico Charles G Griffith, '72, of New York City, was a prominent engineer on railroads in Montana and Colorado Frank W Conn, '81, had charge of extensive railroad work in Mexico, Central and South America, and Charles W Mead, '81, became a prominent engineer on railroads in the Philippine Islands and China H I Bettis, '85, is a well known railroad man at Los Angeles, Cal. Charles E Collins, '90, was engaged for some time in railroad work in Chile R H. Ford, '92, is the first assistant engineer on the Missouri Pacific R. R Frank W. Denison, '98, is the first assistant engineer of the Central Vermont R R. Charles H Eaton, '99, has engaged in railroad work in Chile and Peru and now has charge of construction work in Brazil Carroll J Scribner, '96, William Driscoll '00. Frank Strong '02, H M Hobson, '02, Fritz L Metzger, '03, and H R Dillingham,

'04, are gaining deserved recognition as railroad engineers Several of the cadets became prominent on street railway construction John P. Gould '49 and Brownell Granger, '56 were chief engineers on the construction of the first horse railways in Boston. Charles J Luck, 76, had charge of the construction of the first cable car system in Chicago H C Bancroft, '56, was president of the Crosstown Street Railway in Columbus Ohio, and Elias B Hart '57, was the vice-president of the Central Crosstown lines in New York

RAILROADS ON WHICH GRADUATES AND PAST CADETS OF NORWICH UNIVERSITY HAVE SERVED, WITH POSITIONS HELD

Abilene & Southern
Grenville, M Dodge, '51, Vice-Pres

Adirondack
Henry Harding, '34, Asst Eng

Albany & Northern
Joseph D Allen, '25, Ch Eng

Albany & Susquehanna
Moses Lane, '41, Res Eng

Allegheny Portage
Moncure Robinson, '24, Ch Eng

Allegheny Valley.
Franklin Wright '34, Ch Eng
Joseph E Young, '50, Transitman

American Central
William H Greenwood, '52, Asst Eng

Arequipa & Puno, Peru, S. A
Nathaniel W Ellis, '68 Div Eng

Atlantic, Birmingham & Atlantic
Carl D Hazen '01, Asst Eng

Atlantic & St Lawrence
Asa W H Clapp, '23, Director

Auburn & Syracuse.
Edwin F Johnson, '25, Ch Eng

Baltimore & Ohio
William Parker, '25, Supt
Henry J Ranney '28, Asst Eng
John H Vance, '28, Asst Eng
Adelbert A Hutchinson, '02, Asst Eng
Willard I Fuller, '02, Asst Eng

Bangor & Oldtown (Maine)
John A Veazie, '57, Asst Eng

Barre, (Vt)
Asa Howe, '43, Res Eng

Bedford, Bloomfield, Switz City & Effingham (Ill)
Alonzo F Estabrook, '36, Ch Eng

Bethel (Vt)
Robert H Ford, '92, Ch Eng
Frank W Denison, '98, Asst Eng
Guy H Watson, '02, Res Eng

Big Four.
Willard L Fuller, '02, Inst Man

Boston & Albany.
Sanders Irving, '27, Asst Eng
Charles T. Walcott, '58, Asst Eng
Horace W Eddy, '67, Div Master Mechanic
Charles E Quimby, '91, Asst Eng
Carl D Hazen, '01, Asst Eng
Leonard M Newton, '01, Asst Eng
Guy M Watson, '02 Asst Eng
Fay H C Graves, '07, Asst Eng

Boston, Concord & Montreal
George Minot, '25, Treas
Charles E Tilton, '47, Director

Boston & Lowell.
William Parker, '25, Supt
Francis B Crowninshield '26, Pres
Benjamin F George, '53, Ch Eng
Richard S Little '50 Asst Eng (Nashua to Wilton in N H)

Boston, Lowell & Nashua
Benjamin F George, '53, Prin Asst Eng

Boston & Maine
William P Parrott '25, Ch Eng
Charles E Tilton '47, Director
Charles H Long, '55, Agent
Jacob P Gould '49, "Stoneham Branch" Ch Eng
Horace I Bettis, '85 Asst Eng
Charles E Quimby, '91, Asst Eng
Charles C J Evans, '92, Asst Eng
Howard C Holden, '94, Asst Eng
Leonard J Parker, 98, Asst Eng
Guy H Watson, '02, Asst Eng

Boston & Providence
William R Lee, '25, Ch Eng and Supt

Boston Revere Beach & Lynn
Charles F Parker, '90, Asst. Eng
Howard C Holden, '94, Ch of Party.

Boston & Worcester
William Parker, '25, Asst Eng and Supt

Bowling Green & Tennessee
George B Adams, '39, Ch Eng and Pres

Brinville & Eastern
Holton R Dillingham, '04, Asst Eng

Bristol, (Vt)
Clarence B Riggs, '91, Asst Eng

Buckhannon & Northern (W Va)
Fritz L Metgzer, '03, Locating Eng
Holton R Dillingham, '04, Topographer

Buffalo & Aurora
William B Gilbert, '28, Ch Eng.

Burlington & Missouri.
Bela S Buell, '55 Asst Eng
Henry A Burt, '73, Asst Eng
William H Saxe, '76, Asst Auditor

California Southern
Frederick W Gilbreath, '54, Contractor

Camden & Atlantic.
Robert Frazer, '37, Consulting Eng Sec and Treas Pres

Camden Branch
Alfred W Craven '26, Ch Eng

Canada & Atlantic
Frederick M Barstow, '78, Asst Eng

Canandaigua & Geneva
William B Gilbert, '28, Ch Eng on surveys

Canadian Pacific
Henry A Burt, '73, Agent

Caney Valley. (Missouri Pacific)
Joseph L Young, '50, Ch Eng

Canojoharie & Catskill
Edwin F Johnson, '25, Res Eng

Canton-Hankow (China)
Charles W Mead, '81 Ch Eng and Supt

Canton & New Philadelphia
Joseph E Young, '50, Construction Eng

Cayuga & Susquehanna
Edwin McNeill, '45, Asst Eng

Cedar Falls & Minnesota (Ill Cent)
James E Ainsworth, '53, Ch Eng

Central Pacific
Nathaniel W Ellis, '68, Asst Eng
Gilbert W Colby '48, Asst Eng

Central Railway of New Jersey
Edward D Adams, '64, Chairman, Board of Directors
John R Moore, '73, Asst Eng

Central Military Tract (C B. & Q in Ill)
William H Greenwood '52 Asst Eng

Central Vermont
William R Lee '25 Supt
Moses Lane, '41, Div Eng
Asa Howe, '43, Div Eng
Charles E Denison, '45, Draftsman
William H Tucker, '47, Asst Eng
Myron R Hurlbut, '67 Asst Paymaster
William H Hunt, 69, Paymaster
William J Dooley, '89, Ch Train Dispatcher
Charles E Quimby, '91, Asst Eng
Robert H Ford '92 First Asst Eng
DeWitt C Webb, '92, Asst Eng
Joseph H Crilgue, 92, Asst Eng
Carroll L Sembner '96 Asst Eng
Frank W Denison, '98, First Asst Eng
Arthur L Winslow '98 Asst Eng
Guy H Watson, '02 Asst Eng
Allan R Williams, '03, Asst Eng
Charles F Gallup, '04, Asst Eng
William S Hutchinson '04, Asst Eng
John E O'Donnel, '08, Asst Eng

Champlain & Connecticut River (Burlington & Rutland)
William B Gilbert, '28, Ch Eng

Champlain & Sanford (New York)
Fritz L Metzger, '03, Asst Eng

Charleston & Nashville
William I [illegible]

Cheyenne & Northern.
Grenville M Dodge, '51, Director

Chicago & Alton
Lloyd B Fuller, '64, Asst Eng

Chicago, Burlington & Pacific
Simon M Preston, '45, Ch Eng and Supt on Construction

Chicago & Danville (Big Four)
Lloyd B Fuller, '45, Ch Eng

Chicago, Dubuque & Minnesota
James E Ainsworth, '53, Ch Eng

Chicago & Great Eastern (Pennsylvania)
Joseph L Young, '50 organizer in charge of construction, Vice-Pres and Gen Manager

Chicago & Great Western
Horace C Henry, '64, Contractor

Chicago, Iowa & Nebraska
Benjamin F George, '58, Div Eng

Chicago, Michigan & St Paul
Napoleon Boardman, '47, in charge of of surveys
Henry Floyd, '48, Asst Eng

Chicago, Milwaukee & St Paul
Walter Delafield, '56, Asst Eng
Horace C Henry, '64, Contractor
Horace A Clifford, '77, Asst Cashier
Arthur E Burr, '06, Instru Man

Chicago & Northwestern
Joseph D Allen, '25, Consulting Eng
Henry V Morris '36, Asst Eng
Asa Howe '43, Div Eng
Simon M Preston, '45, Asst Eng
Napoleon Boardman, '47, in charge in surveys
Grenville M Dodge, '51, Ch Eng of charge of construction, Boyce Valley to Council Bluffs
James E Ainsworth, '53 Ch Eng

Chicago, Rockland & Pacific
Simon M Preston, '45, Supt of construction

Chicago Terminal Transfer Co
Edward D Adams, '64 Pres

Chicago & Calumet
Edward D Adams, 64, Reorganizer.

Chile, Railways in
Frank W Conn, '81, Asst Eng

China, Railways in
Charles W Mead, '81, Ch Eng

Chippewa Falls & Eastern Grand Trunk.
Napoleon Boardman, '47, Ch Eng

Cincinnati, Peru & Chicago
Newell Gleason, '49, Ch Eng

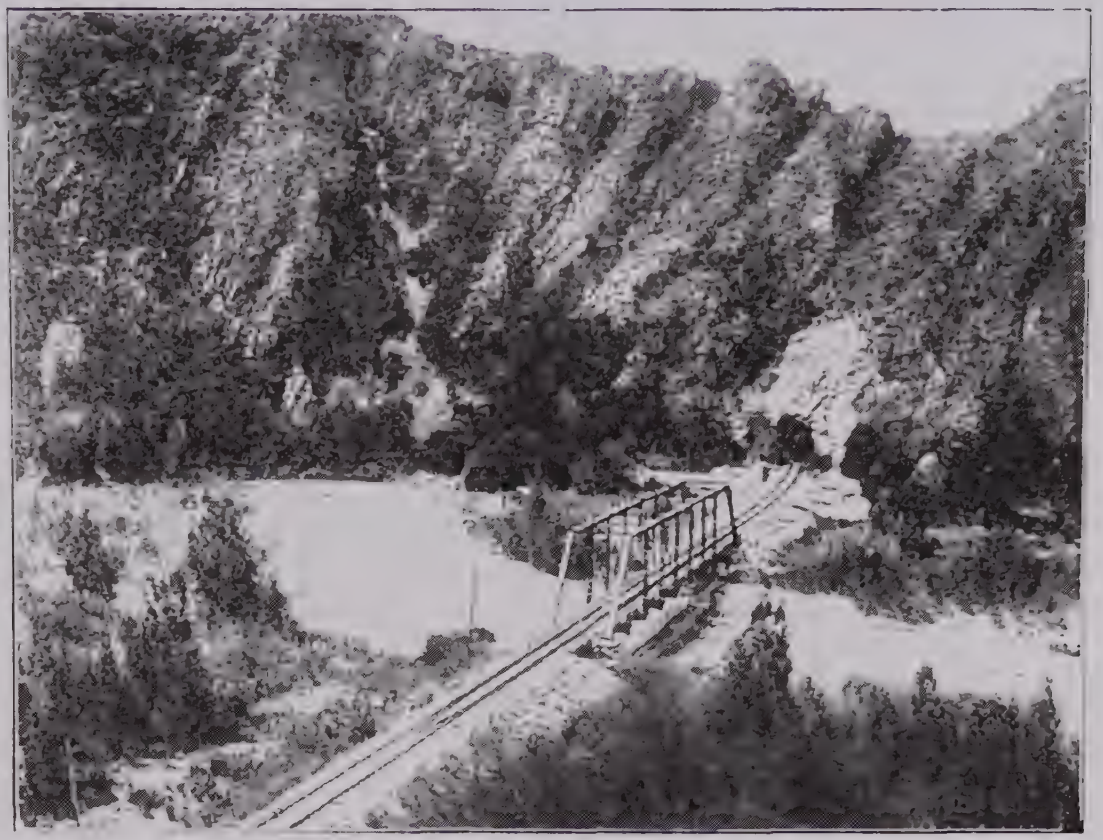
Cincinnati & Western
William H Hubbard, '52, Asst Eng

Cleveland, Akron & Columbus
Jay Dyer, '38, Asst Eng

Cleveland to Columbus (1845-47)
John H Sargent, '38, Res Eng

Cleveland & Mahoning (Ohio)
Frederick Kinsman, '26, Director.

Cleveland & Pittsburg



Tunnel No. 3, Weber Canon, on the line of the Union Pacific R. R., Gen. A. M. Dodge, '51. Chief Engineer.

Cleveland, Pittsburg & Wheeling
William W Chandler, '43, Gen Frt Agent

Colorado Central.
Grenville M Dodge, '51, Ch Eng 1870

Colorado Midland
Grenville M Dodge, '51, Director

Colorado & Southern
Grenville M Dodge, '51, Chairman of Board of Directors
George C Randall, '04, Clerk, Car Accountant's Office
Timothy J Holland, '07, Asst Eng
Dana H Gilman '06, Asst Eng
Harry A Peabody, '03, Instru Man

Columbus & Indiana Central (Pittsburg, Chicago & St Louis)
Joseph E Young, '50, Organizer and Vice-Pres

Columbus, Piqua & Indiana
Newell Gleason, '47, Asst Eng

Concord & Claremont (N. H.)
Hamilton E Perkins, '25, Pres

Concord & Lebanon
Benjamin F Marsh, '36, Supt of Construction

Connecticut & Passumpsic
Charles E Denison, '45, Asst Eng
William H Tucker, '47, Asst Eng

Connecticut River
Benjamin F Marsh, '36 Ch Eng
Charles T Walcott, '58, Asst Eng

Connecticut River Valley.
Simon M Preston, '45, Asst Eng

Connecticut Valley.
Leonard J Wright, '52, Asst & Ch Eng Contractor

Council Bluffs & St Louis
Henry V Morris, '36, Asst Eng

Crawfordsville & Fort Wayne
Henry W Holley, '50, Asst Eng

Cripple Creek, Short Line
Grenville M Dodge, '51, Director

Denver, Greeley & Northwestern
George J Spear, '73, Pres

Dubuque & Pacific
See Dubuque & Sioux City

Dallas & Wichita (Texas)
William H Wentworth, '68, Ch Eng

Delaware, Lackawanna & Western
Edwin McNeill, '45, Ch Eng
Joel Amsden, '34, Res Eng
Frank P Amsden, '59, Asst Eng

Denver & Gulf
Edmond H Ryan, '92, Asst Eng

Denver & Pacific
William H Greenwood, '52, Consulting Eng

Denver & Rio Grande
William H Greenwood, '52, Gen Manager
Charles W Mead, '81, Locating Eng

Denver & Rio Grande Western
Charles G Griffith, '72, Locating Eng

Des Moines Northern (Now C M & St. Paul)
Grenville M D

Dubuque & Sioux City. (Ill Central)
James E Ainsworth, '53, Res Eng

Dubuque & Southwestern.
James F Ainsworth, '53, Ch Eng

Dubuque Western.
Newell Gleason, '49, Ch Eng

Duluth, South Shore & Atlantic
Horace C Henry, '64, Contractor

Eagle Bridge. (N Y)
George H Clark, '38, Asst Eng

East Florida.
William Parker, '25, Ch Eng.

Eastern Texas
Benjamin F Marsh, '35, Ch Eng

Erie.
Joseph D Allen, '25, Ch Eng
Alfred W Craven, '26, 1st Asst Eng
Sanders Irving, '28, Asst Eng
Edwin McNeill, '45, Asst Eng
Willard L Fuller, '02, Asst Eng

Erie & Kalamazoo.
William B Gilbert, '28, Ch Eng

European & Northern (Maine)
Harlan P Sargent, '59, Asst Eng

Evansville & Crawfordsville (Ind.)
Alonzo F Estabrook, '36, Ch Eng

Everett & Monte Cristo (Wash.)
Horace C Henry, '64 Contractor

Fitchburg.
Charles T Crocker, '53, Dir
Thomas K G Wright, '56, Asst Eng
Charles T Walcott, 58, Rodman

Florida Central
See Tallahassee & Jacksonville

Flushing & North Shore (Long Island)
Frank P Amsden, '59, Res Eng

Fon-du-lac & Lake Superior (C & N W)
Napoleon Boardman, '47, Ch Eng

Fort Wayne & Chicago. (Pittsford, Ft Wayne & Chicago)
Joseph E Young, '50, Construction Eng

Fort Worth & Denver City
Grenville M Dodge, '51, Pres of Construction
Dunbar R Ransom, '51, Asst Eng

Foxburg & Clarion
Benjamin B Newton, '73, Construction Eng

France, Railroads in
Grenville M Dodge '51, Consulting Eng

Fremont, Elkhorn & Missouri Valley
James E Ainsworth, '53, Ch Eng

Galena Union. (Illinois)
Francis Chase, '47, Ch Eng

Gaston & Raleigh.
George M Totten, '27, Ch Eng

Georgia Central
Randolph Coyle, '28, Div Eng
Seth B Adams, '90, Asst Eng

Georgia Railway Co.
Benjamin F Marsh, '36, Draftsman

Georgia, Tennessee & Illinois.

Gilbert Elevated.
Alfred W Craven, '26, Ch Eng

Gilman, Clinton & Springfield
Lloyd B Fuller, '64, Asst Eng

Grand Rapids & Lake Shore
Newell Gleason, '49, Ch Eng

Grand River Valley (Michigan)
Newell Gleason, '49, Ch Eng

Grand Trunk Pacific
Grosvenor R Lindsey, '07, Instru Man

Great Falls & Conway
George W Balloch, '17, Gen Frt and Ticket Agent

Great Northern
Horace C Henry, '64, Contractor
Charles G Griffith, '72, Asst Eng

Guayaquil & Quito (Ecuador)
Charles E Collins, '90, Asst Eng
Charles H. Eaton, '99, Asst Eng

Guatamala
Edward D Adams, '61, Director

Guatamala Central
Frank W Conn, '81, Res Eng

Gulf & San Antonio.
William H Greenwood, '52, Reconstructions, 1865

Gulf & Ship Island
William Driscoll, '00, Asst Eng

Hannibal & St Joseph (Mo.)
Edwin B Patten, '58, Asst Eng

Hartford & Erie
Leonard J Wright, '52, Locating Eng

Hartford & New Haven
Edwin F. Johnson, '25, Ch Eng

Havana & Renan (Cuba)
William B Gilbert, '28, Asst Eng

Houston, East & West Texas
William H Wentworth, '65, Locating Eng

Houston & Texas Central
William H Wentworth, '65, Asst Eng

Housatonic & Naugatuck (Conn)
Henry Harding, '54, Asst Eng

Hudson River
Sanders Irving, '28, Asst Eng
Henry Harding, '54, Asst Eng

Huntington & Broadtop
Asa Howe, '43, Ch Eng

Illinois Central
Hiram P Woodworth, '25, Ch Eng
Truman B Ransom, '25, Division Eng
William B Gilbert, '28, Division Eng
Jay Dyer, '38, Asst Eng
Charles Slack, '38, Division Eng
Allen B Slack, '39, Ch Eng
Francis Chase, '47, Ch Eng
Thomas E G Ransom, '51, Agent
Grenville M Dodge, '51 Transitman
Charles J Linsley, '51, Asst Eng
George V Boutelle, '50, Asst Eng
William Driscoll, '00, Asst Eng
Harry M Hobson, '02, Asst Eng

Illinois & Wisconsin
Edwin F Johnson, '25, Ch Eng

Indianapolis & Bellefontane
Alonzo F Estabrook, '35, Ch Eng.

Indianapolis & Chicago
Newell Gleason, '49, Ch Eng.

Indianapolis & Vincennes.
Alonzo F Estabrook, '36, Ch Eng

International & Great Northern
Grenville M Dodge, '51, Ch Eng

Iowa & Lansing
Newell Gleason, '49, Ch. Eng on Construction

Iowa Eastern. (C M & St P)
James E Ainsworth, '53, Ch Eng

Iowa Falls & Sioux City
James E Ainsworth, '53, Ch Eng

Jeffersonville (Indiana)
Benjamin F Marsh, '35, Ch Eng
Newell Gleason, '49, Asst. Eng

Kansas Central
Holland Wheeler, '59, Asst Eng

Kansas City, Emporia & Southern (Santa Fe System)
Joseph E Young, '50, Promoter
Lloyd B Fuller, '64, Ch Eng

Kansas City & Northern.
Henry V. Morris, '36, Asst Eng

Kansas City & Southern.
Lloyd B Fuller, '64, Ch Eng

Kansas City, Memphis & Southern
Lloyd B Fuller, '64, Ch Eng

Kansas Pacific.
William H Greenwood, '52, Ch Eng
Holland Wheeler, '59, Asst Eng

Keokuk, Des Moines & Minnesota. (Des Moines Ry)
Carleton H Perry, '23, Promoter, Dir. and Mgr

Lackawanna & Bloomsburg (Penn)
Edwin McNeill, '45, Ch Eng and Pres
Charles Ensworth, '46, Asst Eng

Lake Champlain&Connecticut River. (Rutland & Burlington)
Napoleon Boardman, '47, Div Eng

Lake Ontario Shore Line
Edwin F Johnson, '25, Consulting Eng

Lake Shore & Michigan Southern.
Curtis S Barrett, '63, Asst Eng

Lawrence & Nashua Street Ry
William E Lancaster, '00, Asst Eng

Leavenworth,Lawrence & Ft Gibson.
Holland Wheeler, '59, Asst Eng

Leavenworth, Lawrence &Galveston.
John H Osgood, '64, Asst Eng

Lebanon Springs. (Vt & N Y)
Napoleon Boardman, '47, Prin Asst Eng

Lee & Hudson
Charles T Walcott, '58, First Asst Eng

Lexington & Ohio
Henry J Ranney, '27, Ch Eng

Little Kanawha
Fritz L Metzger, '03, Asst Eng
Stanley J Parsons, '03, Asst Eng
Holton R Dillingham, '04, Asst Eng

Liverpool & Manchester (England)
Moncure Robinson, '24, Consulting Eng

Louisville, Cincinnati & Charleston
Alfred W Craven, '26, Div Eng

Lyons & Iowa Central
Allen B Slack, '39, Ch Eng

Macon & Brunswick
Edwin McNeill, '45 Locating Eng

Mad River Valley
Alfred W Craven, '26, Asst Eng

Madeira-Mamore (Brazil)
Charles H Eaton, '99, Asst Eng

Manchester & Keene
Benjamin F George, '53, Ch Eng and Supt

Mansfield, Coldwater & Lake Michigan
Newell Gleason, '49, Ch Eng

Maple River (Iowa)
James E Ainsworth, '53, Ch Eng

Marietta & Cincinnati
Benjamin F George, '53, Asst Eng

Marietta & Columbia
Charles E Denison, '45, Asst Eng

Marion & McPherson. (Kansas)
William H Greenwood, '52, Ch Eng

Massachusetts Central
Charles T Walcott, '59, Div Eng

Maumee & Miami River.
Alonzo F Estabrook '35, Ch Eng

Memphis & Rio Grande
James B Smith, '37, Asst Eng

Mexican Central
Lloyd B Fuller, '64 Gen Supt
Frank W Conn, '81, Asst Eng

Mexican National
William H Greenwood '52, Ch Eng
William H Wentworth, '68, Div Eng
Carlton A Rosa, '10 Instru Man

Mexican & Southern.
Grenville M Dodge, '51, in charge of surveys

Mexican & Pacific
Grenville M Dodge, '51, Vice-Pres and Ch Eng

Michigan Air Line
Joseph L Young, '50, Promotor and Manager
Napoleon Boardman, '47, Ch Eng

Michigan Central
Henry Floyd, '48, Asst Eng
Frederick M Barstow, '75, Asst Eng

Michigan, Southern & Northern Ind
John H Sargent, 39,' Div Eng

Milwaukee & Fon-du-lac.
Richard S Little, '50, Asst Eng

Milwaukee & La Crosse
Napoleon Boardman, '47, Ch Eng
Albert C Tuttle, '56, Asst Eng
Benjamin M Gilman, '57, Asst Eng

Milwaukee, Lake Shore & Western
Horace C Henry, '64, Contractor

Milwaukee & Mississippi
Richard S Little, '50, Locating Eng

Milwaukee & Northern
Charles S Dea[illegible] '70, Asst [illegible]

Milwaukee & Watertown. Columbus to Portage, Wis.)
William B Gilbert, '28, Ch Eng
Richard S Little, '50 Locating Eng

Mine Hill Navigation & Railway Co
Alfred W Craven, '26, Ch Eng

Mineral Railway (Mexico)
William H Wentworth, '68, Ch Eng

Minneapolis & St Cloud
William W Howard, '65, Land Agent

Minneapolis & St Louis
Horace C Henry, '64, Contractor

Minneapolis, St Paul & Sault Ste Marie
Horace C Henry, '64, Contractor

Mississippi & Missouri
Grenville M Dodge, '51, Pres Asst Eng, Chief of party

Minnesota Valley
Benjamin M Gilman, '57, Asst Eng

Missisquoi Valley (Vt)
William B Gilbert, '28, Ch Eng

Missouri, Kansas & Texas
Grenville M Dodge, '51, Ch Eng of construction in Texas and Pres
Royal L Burge, '52, Dir. Atty and Treas
Horace C Henry, '64, Contractor

Missouri Pacific
Grenville M Dodge, '51 in charge of construction of Texas line
Edward D Adams, '61 Dir
Robert H Ford, '92 Pres Asst Eng
Charles S Carlton, '96, Asst Eng
Carroll J Scribner '96, Asst Eng
Harry M Hobson, '02 Roadmaster
Guy H Watson '02, Asst Eng
Ernest S Ball, '03 Asst Eng
John H Byrd, '03 Asst Eng
Charles F Gallup, '04, Asst Eng
Clarence R Andrew '06 Asst Eng
Roy M Batchelder, '07, Asst Eng
Leroy H Davis, '07 Asst Eng
Charles D Frink, '07 Asst Eng
Marshall J Noyes, '07, Asst Eng
Harry C Pratt, '07, Asst Eng
Phillip V Sherman, '07, Roadmaster
Robert P Watson, '07, Asst Eng
J Irving Chase, '08, Asst Eng
Raymond V Root '08, Asst Eng.
Ernest C White, '08, Asst Eng

Mobile & Ohio
Grenville M Dodge, '51, in charge of reconstruction, 1862

Mohawk & Hudson
Alfred W Craven, '26, Ch Eng
William B Gilbert, '28, Asst Eng

Montana Central
Charles G Griffith, '72, Division Eng

Monterey & Mexican Gulf
William H Wentworth, '68 Ch Eng

Montpelier & South Royalton, via Williamstown
Phil S Randall, '86, Asst Eng

Montpelier & Wells River
Asa Howe '43 Resident Eng
Frank W Conn, '81, Asst Eng

Morris & Essex.
Frank P Amsden, '59, Res Eng

Mt Desert (Maine)

Mt Washington Ry. (N H)
Walter Aiken, '53, Ch Eng and Mgr

Nashville & Decatur
Grenville M. Dodge, '51, Reconstruction in 1863

Natchez, Jackson & Columbia
Simon M Preston, '45, Ch Eng

New Jersey Central.
Edwin McNeill, '45, Asst Eng

New Jersey Junction
Edward D Adams, '64 Organizer

New Orleans & Jackson R. R
William S Campbell, '28, Ch Eng

New Orleans, Jackson &Great Northern (Ill Central)
Henry J Ranney, '28, Ch Eng and Pres

New Orleans & Lafayette R R
George Merrick, '28, Asst Eng

New Orleans, Mobile & Chattanooga (Mississippi River to Houston, Tex)
William H Wentworth, '68, Locating Eng

New Orleans & Nashville.
Henry J Ranney, '28, Ch Eng

New Orleans & Pacific (Texas Pacific.)
Grenville M Dodge, '51, Pres, Director and in charge of construction

New York & Albany
Edwin F Johnson, '25, Ch Eng

New York & Boston Air Line
Edwin F Johnson, '25, Ch Eng

New York Central.
William B Gilbert, '28, Ch Eng
Sanders Irving, '29, Asst Eng
Alonzo F Estabrook, '35, Asst Eng
Jacob Gould, '49, Ch Eng
Henry B Douglass, '70, Insp coal mine
Berton W Farnham, '91, Res Eng
Leonard J Parker, '98, Asst Eng
Harold S Richmond, '00, Asst Eng
Carl B Hazen, '01, Asst Eng
John T Powers, '03, Inst Man
Holton R Dillingham, '04, Asst Eng

New York & East Erie
Edwin F. Johnson, '25, Ch Eng

New York & Harlem
Joseph D Allen, '25 Ch Eng
William B Gilbert, '28 Asst Eng

New York & Lake Erie.
Luther Marsh, '29, Attorney

New York & New England
Leonard J Wright, '52, Div Eng

New York, New Haven & Hartford
George W Hobbs, '58, Attorney
Charles J C Evans, '92, Asst Eng
Carroll J Scribner, 96, Asst Eng
Arthur W Hare, '02, Asst Eng
William H Sharp, '07, Instrument Man
Raymond V Root, '08, Instrument Man
Frederic S Stow, '08, Asst Eng

New York, Ontario & Western
Edward D Adams, '64, Reorganizer

New York & Oswego Midland R. R
William H Wentworth, '68, Asst Eng

New York, Providence & Boston.
George W Hobbs, '58, Attorney
Charles H Nichols, '86, Asst Eng

Nichols & Chisholm, Logging Road (White Earth Rd, Indian Reservation, Minn)
Phil S Randall, '86, Ch Eng

North Coast Ry
Arthur D Burr, '06, Asst Eng

North Carolina, Railway Surveys in
Benjamin F Marsh, '35, Asst Eng
Emory Burns, '55, Master Mechanic

Northern Central R R
Leonard J Wright, '52, Div Eng

Northern Pacific R R
Edwin F Johnson, '25, Ch Eng
Edward D Adams, '64, Chairman, Bd Dir
Horace C Henry, '64, Contractor
Dudley F Phelps, '64, Commissioner
John C Wells, '67, Asst Eng
William H Hunt, '69, Asst Eng
George W Willard, '72, Asst Eng
Horace A Clifford, '77 Cashier
Charles W Mead, '81, Asst Eng
Charles D Frink, '07, Asst Eng
John H Mears, 07, Asst Eng
Lewis G Billings, '09, Instrument Man
Earl A Boyce, '09, Instrument Man
Harold M Brush, '09, Instrument Man
Earl S Harbour, '09, Instrument Man
Earle C Hayden, '09, Instrument Man
John S Smith, '09, Instrument Man
Chester C Thomas, '09, Instrument Man

Northern Railroad (in N H)
Benjamin M Tyler, '23, Asst Eng
Otis M Marsh, '42, Asst Eng
Hiram Clark, '42, Asst Eng
Edmund B Kellogg, '45, Asst Eng
Simon M Preston, '45, Asst Eng

Northern Railway of Costa Rica
Clarence H Booth, '94, Pass Con

Ogdensburg & Lake Champlain
Edwin F Johnson, '25, Ch Eng
William B Gilbert, '28, Div Eng

Ohio Ry
John H Sargent, '39, Asst Eng

Ohio & Mississippi
Henry V Morris, '36, Asst Eng

Ohio & Western
Fritz L Metzger, '03, Asst Eng

Old Colony. (Mass)
Francis B Crowninshield, '26 Pres.
Charles F Parker, '90, Asst Eng

Oregon R R. and Navigation Co.
Charles E Tilton, '47, Director
Timothy J Holland, '07, Asst Eng

Oregon Short Line.
Grenville M. Dodge, '51, Ch Eng in charge of surveys, 1866–69

Oriental & Pacific (Mexico)
Grenville M Dodge, '51, Pres in charge of construction Laredo to City of Mexico, 1882

Oswego & Midland, (New York)
William B Gilbert, '28, Ch Eng

Oswego & Syracuse R R
Edwin F Johnson, '25, Ch Eng

Oswego & Troy R R,
Edwin F Johnson, '25, Supt of surveys

Ottawa, Oswego & Fox River (Ill)
John S Noble, '29, Asst Eng

Panama R. R
George M Totten, '27 Ch Eng
William Parker, '25, Supt
Nathaniel Varnum, '29, Asst Eng
Walter Frost, '10, Rodman

Panhandle Ry. (Cincinnati)
William H Tucker, '47, Ch Clerk

Parkersburg & Cincinnati
Henry W Holley, '50, Asst Eng

Passumpsic Ry
Asa Howe, '43 Ch Eng
Edmund B Kellogg, '45 Div Eng
Horace E Barron, '46, Asst Eng

Peoria & Bureau Valley R R
Grenville M Dodge, '51, Chief of Party, charge of surveys

Peoria & Oquawka & Burlington
Charles E Denison, '45 Ch Eng
Edmund B Kellogg '45, Ch Eng
James M Gilson, '40, Div Eng
Edward W Morris, '46, Asst Eng
Dunbar R Ransom, '51, Asst Eng

Peoria & Rock Island
Lloyd B Fuller, '64, Asst Eng

Pensacola, Alabama & Western
Harry M Hobson, '02, Asst Eng

Pennsylvania
Franklin Wright, '34, Ch Eng
George Merrick, '27, Asst Eng
George E Talbot, '98 Asst Eng
Dean C Carr, '01, Asst Eng
Frank Strong, '02, Asst Eng
Guy H Watson, '02, Asst Eng

Petersburg & Roanoke.
Moncure Robinson, '24, Ch Eng.

Philadelphia & Reading
Moncure Robinson, '24, Ch Eng
Robert Frazer, '36, Div Eng
DeWitt C Cleaver, '46, Asst Eng

Philippine Islands, Railways in
Charles W Mead, '81, Ch Eng

Pittsburg, Fort Wayne & Chicago
Newell Gleason, '49, Ch Eng.
Francis Chase, '47, Asst Eng

Pittsfield & North Adams R R
Charles T Walcott, '58, Asst Eng

Plattsburg & Whitehall R R.
William H Tucker, '47, Asst Eng

Pittsburg & Montreal R R
William H Tucker, '47, Asst Eng

Pottsville & Danville Ry (Pennsylvania) (First R R built in U S, 1828)
Moncure Robinson, '24, Ch Eng

Providence & Burrilville
Herbert S Clark, '96, Asst Eng
Harry A Peabody, '03, Transitman
Carlton A Scott, '09, Asst Eng

Pueblo & Arkansas Valley. (Rio Grande)
William H Greenwood, '52, Ch Eng

Quakake & Catawissa (Pennsylvania)
Leonard J Wright, '52, Ch Eng

Racine & Mississippi
Benjamin F George, '53, Res Eng

Raleigh & Weldon (North Carolina)
George Little, '26, Contractor and Dir.

Reading R R.
Alfred W Craven '26, Res Eng
Benjamin B Newton, '73, Asst Supt

Reading & Port Clinton
George M Totten, '27, Ch Eng

Richmond & Fredericksburg.
Moncure Robinson, '24, Ch Eng

Richmond & Petersburg
Moncure Robinson, '24, Ch Eng

Rockford, Rock Island & St Louis
Francis Chase, '47, Ch Eng
James E Chase, '56, Asst Eng

Rock Island R R.
Grenville M Dodge, '51, Asst Eng

Rock River Valley (Wisconsin)
Edwin F Johnson, '25, Ch Eng
Napoleon Boardman '47, Res Eng
Richard S Little, '50, Asst Eng.

Rockville & Indianapolis.
Alonzo F. Estabrook, '36, Asst Eng

Rutland Ry
Joseph D Allen, '25, Consult Eng
Francis Chase, '47, Asst Eng
Joseph H Goulding '65, Sec
Frank W. Denison, '98, Ast Eng
Chester C. Thomas, '09, Asst Eng

Rutland & Burlington.
Edwin F Johnson, '25, Div Supt. of Cons
William B Gilbert, '28, Ch Eng.
Benjamin F Marsh, '35, Div. Supt of Cons
Truman L Slayton, '48, Asst Eng

Rutland-Canadian. (Vermont)
Waldo P Clement, '72, Director
Dean C Warren, '95, Ch of Party
William A Ellis, '97, Asst Eng
Frank W Denison, '98, Asst Eng
Louis F Chamberlin, '01, Asst Eng
Fritz L Metzger, '03, Draftsman

Rutland & Washington. (Vermont)
Rufus L Moses, '63, Asst. Eng

Saco Valley. (Logging Road)
Clarence B Riggs, '91, Ch Eng

St Croix & Lake Superior
William B Gilbert, '26, Ch Eng
Wilham D Munson, '54, Asst Eng

St Chillicothe & Council Bluffs
Grenville M Dodge, '51, Ch Eng.

St. Louis & Hannibal
James E Ainsworth, '53, Ch Eng

St Louis, Kansas City & Northern Wabash
Henry V Morris, '36, Asst. Eng.

St Louis & Lexington
Henry V Morris, '36, Res Eng.

St Paul, Minneapolis & Manitoba. (Great Western)
William W Howard, '65, surveyor.

St Paul & Northern Pacific.
Edward D Adams, '64, Pres

San Francisco R R
Grenville M Dodge, '51, Recons work 1861

Sanford & Indian River. (Fla)
Frederic H Rand '64 Gen freight and

Laramie River Canon, Wyoming.
On the line of the Union Pacific R. R., 1867, drawn by Gen. G. M. Dodge, '51, Chief Engineer.

San Pedro, Los Angeles & Salt Lake
Grenville M Dodge, '51, Eng in charge of first surveys
Horace I Bettis, '85, Dir and Aud
Frank Strong, '02, Res Eng

Saratoga & Schenectady
William B. Gilbert, '26, Asst Eng

Saratoga & Whitehall.
Asa Howe, '43, Ch Eng

Sault St. Marie (Soo)
Horace C Henry, '64, Contractor

Schuylkill Valley
Alfred W Craven, '26, Div Eng

Sedalia, Warsaw & Southern (Mo.)
Holland Wheeler, '59, Ch Eng on Con

Serro de Pasco (Peru)
Charles H. Eaton, '99, Asst Eng

Sewanee R R.
Addison R Baldwin, '53, Pres

Sheboygan, Fon-du-lac & Mississippi River.
Napoleon Boardman, '47, Asst. Eng

Shepaug Valley (Conn)
Edwin McNeill, '45, Ch Eng
T K G Wright, '55, Asst Eng

Silver City, Deming & Pacific (Santa Fe)
Frank W Conn, '81, Asst Eng

Sioux City & Pacific R R
James E Ainsworth, '53, Ch Eng

Solomon, Junction City&Ft Kearney R R
Holland Wheeler, '59, Locating and Res Eng

South Bend & Niles (Mich Cent)
Joseph E Young, '50, Prom and Mgr
Napoleon Boardman, '47, Ch Eng

Southbridge, Sturbridge & Brookfield (Mass)
Percy G Smith, '91, Asst Eng

South Florida R R
Frederic H Rand, '64, Sec Gen Tkt and Pass Agent

South Manchester
Charles H Cheney, '86, Ch Eng and Treas

South & Western (Tenn)
Ludlow A. Barker, '06, Draftsman

Southern Kansas.
Oscar E Learnard, '55, Supt

Southern Minnesota
Henry W Holley, '50, Ch Eng, Gen'l Mgr

Southern Pacific
Allen B Slack, '30, Asst Eng
Dunbar R Ransom, '51, Agent
William H Wentworth, '68, Loct Eng

Southern Pensylvania
Thomas K. G Wright, '56, Asst Eng

Southern Ry. Engineering Bureau
Benjamin F. Marsh, '35, Draftsman

Southern Railway Co.
Horace I Bettis, '85, Auditor.

Southside
Franklin Wr[illegible]

Springfield & Hartford
Edwin F Johnson, '25, Cons Eng.

Steubenville
Franklin Wright, '34, Asst Eng.

Sugar River. (B & M in N H.)
Nathaniel W. Ellis, '68, Div Eng

Sullivan County (N H).
Moses Lane, '41, Asst Eng
Francis Chase, '47, Div. Eng
George W Balloch, '47, Asst Eng
William Partridge, '49, Asst Eng

Sunbury and Danville (Penn.)
George M Totten, '27, Ch Eng.

Suncook, N H
Nathaniel W Ellis, '68, Locating Eng

Tallahassee & Jacksonville R R (Florida Central)
Edward Houston, '28, Pres

Tebo & Nesho (M. K & T.) R R
Henry V Morris, '36, Asst Eng
Asa C Morris, '39, Pres

Terre Haute & Alton
John R T Mead, '51, Ch Eng

Texas & Pacific
Grenville M Dodge, '51, Pres in charge of construction work
William H Wentworth, '68, Res Eng
Frank W Conn, '81, Asst Eng
Marshall D Smith, '81, Asst Eng

Tide Water & Deep Water Ry. (Virginia)
Willard L Fuller, '02, Asst Eng

Toledo, Oskaloosa & Western.
Simon M Preston, '45, Locating Eng

Toledo, Peoria & Western
Charles E Denison, '45, Ch Eng

Toledo, St Louis & New Orleans.
Harry M Hobson, '02, Asst Eng

Trevorton, Mahoning & Susquehanna
William Partridge, '49, Asst Eng

Trinity & Brazos Valley
Grenville M Dodge, '51, Director

Troy & Greenfield
Charles T Walcott, '59, Asst Eng

Tunica & Petersburg
Charles E Denison, '45, Ch Eng

Union Pacific
Grenville M Dodge, 51, Ch Eng, Director
Sewall Truax, '53, Asst Eng
Henry Harding, '54, Asst Eng
Holland Wheeler, '59, Asst Eng
Nathaniel W Ellis, '68, Asst Eng
Horace I Bettis, '85, Asst Auditor
Melvin H Damon, '09, Ast Eng

Union Pacific, Denver & Gulf.
Grenville M Dodge, '51, Pres, in charge of construction work

Utica & Oswego
Joseph D Allen, '25, Ch Eng
Truman B Ransom, '25, Locating Eng

Utica & Schenectady.
Edwin F Johnson, '25, Res Eng
James B Smith, '37, Asst Eng

Vandalia Route (Ind.).

Venezeula, Railways in
George M Totten, '27, Ch Eng

Vermont & Canada
Edwin F. Johnson, '25, Consulting Eng

Vermont & Massachusetts
Charles T Crocker, '53, Dir

Vicksburg, Meridian & Brandon.
Frederick H Farrar, '56, Asst Eng
Lorenzo Potter, '56, Asst Eng

Virginia Ry.
Harry M. Hobson, '02, Asst. Eng

Wabash System.
Henry V Morris, '36, Asst Eng
Frank Strong, '02, Asst Eng

Walla Walla & Columbia River. (Wash)
Sewall Truax, '53, Ch Eng

Watertown & Columbus (Wis)
William B Gilbert, '28, Ch Eng

Watertown & Madison (Wis.)
William B Gilbert, '28, Ch. Eng

West River (Vt)
William H Greenwood, '52, Consulting Eng

Western Maryland
Stanley J Parsons, '03, Asst Eng

Western Pacific.
Grenville M Dodge, '51, Ch Eng

Western Vermont. (Rutland to Bennington)
William B Gilbert, '28, Ch Eng

West Virginia Southern
Franklin J Saxe, '74, Vice-Pres and Director

Whitehall Ry.
Edwin F Johnson, '25, Locating Eng

Wichita Valley
Grenville M Dodge, 51, Director
Holton R. Dillingham, '04, Asst Eng

Wilmington Ry (Vt)
Charles T Walcott, '59, Asst Eng

Wilmington & Reading
Robert Frazer, '37, President

Wisconsin Central
Horace C Henry, '64, Contractor

Wisconsin Midland
Napoleon Boardman, '47, Ch Eng

Woodstock Ry. (Vt.)
John J Dewey, '65, Pres

STREET RAILWAYS

Atlanta Consolidated (Georgia)
Horace I Bettis, '85, Gen'l Supt

Augusta & Waterville.
William S Hutchinson, '04, Asst. Eng

Boston Elevated
William Hooper, '76, Treas
George F Abbott, '91, Asst Eng
Ephraim W Clark, '92, Asst Eng
John M Ryan, '95 Asst Eng
Ernest C White, '08, Asst Eng

Boston Street Ry
Jacob P Gould, '49, Ch Eng
Brownell Granger, '56, Ch. Eng

Boston Rapid Transit Commission
Oliver Y Leonard, '07, Asst Eng

Chicago City Ry.
Charles J Luck, '76, Asst Eng and Supt
Albert A Hutchinson, '02, Asst Eng

Buffalo & Lake Erie Traction Co
William S Hutchinson, '04, Asst. Eng.

Central Crosstown (New York City)
Elias B Hart, '57, Vice-Pres.

Crosstown Ry (Columbus, Ohio)
Howard C Bancroft, '55, Pres

Denver City Ry.
Frank B Fenton, '57, Asst Eng

Fitchburg & Leominster.
Arthur G Baker, '03, Asst Eng

Fourth Avenue, New York City
Alfred W. Craven, '29, Commissioner

Gilbert Elevated
Alfred W Craven, '29, Consult. Eng

Kings County Elevated.
Charles H Nichols, '86, Asst Eng.

Lawrence Street Ry (Kansas).
James W Parker, '48, Promoter

Marlboro & Worcester, Mass.
Howard C Holden, '94, Asst Eng

Metropolitan. (Boston)
Benjamin Poole, '38, Pres

Mt Mansfield (Vt)
Dean C Warren, '95, Asst Eng
Carroll J Scribner, '96, Res Eng

New Jersey Electric
Horace I Bettis, '85, Auditor

New York Elevated
Charles G Griffith, '72, Asst Eng

Old Colony St Ry. (Mass)
Adelbert A Hutchinson, '02, Asst Eng

Penn Yan & Keuka Park (N Y)
Herbert S Clark, '96, Asst Eng

Rapid Transit Construction Co, N. Y.
Clarence B Riggs, '91, Asst Eng
Arthur W Hare, '02, Asst Eng
Charles F Gallup, '04, Asst Eng
Joy C Ross, '04, Asst Eng

Rapid Transit Commission, New York
Dean C Warren, '95, Res Eng

Rutland St. Ry. (Vt)
Fritz L Metzger, '03, Res Eng
Bertrand D Dorr, '03, Asst Eng

St Albans (Vt.)
William E Robertson, '01, Asst, Mg'r

Seattle St. Ry (Wash)
Byron T Carr, '82, Sup't

Shore Line Elec. Ry (Conn)
William P Frazer, '08, Asst Eng.

Willimantic & South Coventry (Conn.)
Frederic S Stow, '08, Asst Eng

Worcester & Clinton (Mass.)
Herbert S Clark, '96, Asst Eng.

West Side Belt Ry (Pa)
Harry M Hobson, '02, Asst Eng
John T Smith, '02, Asst Eng

Worcester & Marlboro (Mass.).
Winifred B Carr, '97, Asst. Eng

CANALS

Many of the alumni were prominent on the early canal construction Joseph D. Allen, '25, served for some time as chief engineer of the Erie Canal George M Totten, '27, was engineer on several canals His most distinguished service was on the Panama canal, as chief consulting engineer on the staff of M de Lesseps William S Campbell, '28, made the surveys and plans for a canal across the state of Florida Edwin F Johnson, '25, made the surveys and estimates for the first ship canal around Niagara Falls.

Several of the cadets have become prominent in connection with the development of power plants Edward D. Adams, '64, as president of the Cataract Construction Co , with a capital of $100,000,000, had personal supervision of the construction of the immense electric plant at Niagara Falls, which was one of the greatest engineering feats of the age Charles T Chocker, '53, was president of the Turners Falls Co , which controls extensive power plants in Massachusetts Capt Holland Wheeler, '59, Josiah Hall, '61, F C Davis, 95, Timothy J. Holland, '07, and Oliver Y Leonard, '07, have been extensively engaged in irrigation work

The service of the alumni with canal and power companies is as follows:

Black River
Joel Amsden, '34, Res Eng

Black River & Chemung
Joseph D Allen, '25, Ch Eng

Blackstone (Mass)
Joseph D Allen, '25, Div Eng

Canal del Dique (Colombia, S. A)
George M Totten, '27, Ch Eng

Chenango
Joseph D Allen, '25, Ch Eng
Edwin F Johnson, '25, Asst Eng

Chesapeake & Albemarle
Washington R Vermilye '55, Asst Eng

Chesapeake & Ohio
Randolph Coyle, '28, Asst Eng

Connecticut Navigation Co
Joseph D Allen, '25, Ch Eng

Cumberland & Oxford (Maine)
Joseph D Allen, '52 Ch Eng

Delaware & Raritan (N J)
George M Totten, '27, Asst Eng
Franklin Wright, '32, Asst Eng

Erie
Joseph D Allen, '21, Ch Eng
William S Campbell, '28, Asst Eng
George H Clark '38 Res Eng
Charles Slack, '38 Asst Eng
Allen B Slack '39, Asst Eng
Washington R

Farmington (Mass)
George M Totten, '27, Asst Eng.

Florida, Canal Across.
William S Campbell, '28, Ch Eng

Genesee
George H Clark, '38, Asst Eng

Hocking.
Alonzo H Estabrook, '35, Asst Eng.

Juniata (Penn)
George M Totten, '27, Asst Eng

Lewiston & Niagara Falls Ship Canal
Edwin F Johnson, '25, Ch Eng

Maryland & Delaware Ship Canal
George M Totten, '27, Ch Eng

Muskingum River Improvement Com
Alonzo F Estalbrook, '35, Asst Eng

New Orleans & Gulf of Mexico
Henry J Ranney, '28, Ch Eng and Supt

New York Barge Canal
Leroy C Hulburd '94, Div Eng
Fred C Davis, '95, Div Eng
George H Briggs, '96, Div Eng

Panama
George M Totten '27, Chief Consult Eng on M de Lesseps' Staff

Portage Canal (Wis)

St. Lawrence & Lake Champlain.
Edwin F Johnson, '25, Consult Eng.

Salem & Champlain.
George B Sherrill, '38, Supt.

Tide Water.
Franklin Wright, '34, Asst Eng.

Wabash & Erie.
Alonzo F. Estabrook, '35, Asst Eng.
Robert R. Milroy, '43, Trustee

POWER COMPANIES.

Cataract Construction Co. (N Y.)
Edward D Adams, '64, President

Cataract Power & Conduit Co
Edward D Adams, '64.

Charles River Basin Commission
Albert Holmes, '95, Div Eng
Sydney W Bampton, '06, Asst Eng

Locks & Canals Co (Lowell, Mass)
Charles E. Collins, '90, Asst. Eng
Fred M Goodhue, '91, Asst Eng
Edmond H Ryan, '92, Asst Eng

Turners Falls Co (Mass)
Charles T Crocker, '53, President and director

Niagara Falls Power Co
Edward D Adams, '04, Pres
George L Ballou, '91, Asst Eng

TELEGRAPH AND TELEPHONE COMPANIES

Several of the alumni have become prominent with electrical, telegraph, and telephone companies. To Gen Alonzo Jackman, '36, belongs the honor of inventing the ocean telegraph He published in the *Vermont Mercury* of Aug 14, 1846, a complete description of his plan for the telegraph The scientists of the time considered his plan visionary, but Cyrus W Field saw the practicability and made use of it. The only practical difference between his plan and Field's was the use of rubber insulation instead of gutta-percha, as planned by General Jackman Edward D Adams, '64, has been prominent in developing the telegraph systems in Central and South America, serving as vice-president and director of the Central and South American Telegraph Co, 1885-99. He is president of the Bullock Electrical Manufacturing Co Harry B Thayer, '77, has become prominent in the manufacture of the telephone and telegraph He is president of the Western Electric Co, and vice-president of the American Telephone and Telegraph Co. Frederic H Rand, '64, has gained prominence in the development of telegraph and telephone lines in Florida The service of the Alumni with electric telegraph and telephone companies is as follows

ELECTRICAL AND TELEPHONE COMPANIES

American Telephone & Telegraph Co.
Harry B Thayer, '77, Vice-Pres

Atlantic Water & Electric Power Co
LeRoy C. Hulburd, '94, Asst. Eng

Bullock Electrical Co.
Edward D Adams, '64, President and director

Central & South American Tel Co.
Edward D Adams '64, Vice President and director.

Conqueror Mining Production & Power Co.
Willis G Prior, '03, Supt.

Electric Controller & Supply Co
Samuel T Wellman, '66, Pres

Fitchburg Gas & Electric Co
Charles T Crocker, '53, director

Fletcher-Stanley Electric Co
Paris M Fletcher, '87, Pres

Home Telephone Co (Washington)
Frederick P Rogers, '03

Independent Telephone Co (Greeley Co)
[illegible]

Manitoba Government Telephone System
Edwin K Jones, '07, Eng
Massachusetts Electric Co.
George L Hinsdale, '94, Asst Eng
Monterey Gas & Electric Co
Charles A Wood, '07, Asst Eng
New England Telephone & Tel. Co
Ralph L Gilman, '04, Asst Eng
Clarence N Burnett, '06, Asst Eng
Potomac Electrical Power Co
Albert A Hutchinson, '02, Asst Eng
South Florida Telegraph Co
Frederic H Rand, '01, Sec and Treas
Thomson, Houston Elec Co
Horace I Betts, '87, Eng and Man
Utah & Wyoming Independent Tel Co
Wesley K Walton, '07, Pres.
Western Electric Co
William M Rumbaugh, '76, Dept Supt
Harry B Thayer, '77, Pres
Paris M Fletcher, '87, Salesman
Flynn G Austin, '93, Dept Chief
William A Ellis, '97, Employee
J Wilbur Cook, '98, Dept Chief
Hugh J Betterley, '06, Clerk
Oliver T Hazelton, '07, Asst Eng
Charles N Blake, '10, Clerk

BRIDGE AND STRUCTURAL ENGINEERS

A number of the alumni have become prominent in bridge and structural work Moncure Robinson, '24, constructed in 1834, for the Philadelphia & Reading R R, the bridge at the Black River Tunnel, over the Schuylkill river This was the first large stone structure built in this country for a double track railroad William Parker, '25, was prominent in early bridge work in this country He served as consulting engineer on the first suspension bridge at Niagara Falls Randolph Coyle, '28, was engineer in charge of the construction of the bridge over the Potomac River at Little Falls, Va

Grenville M Dodge, '51, constructed the railroad bridge from Council Bluffs to Omaha and was one of the first to use compressed air on deep foundation work. As a bridge builder during the Civil War, he gained the admiration of the military experts of the world, for the rapidity with which bridges were constructed by him in an enemy's country William H Greenwood, '52, was the engineer of the famous "swing bridge" in the Royal Gorge in Colorado Leonard J. Wright, '52, was the associate engineer on the construction of the Poughkeepsie bridge in New York James E Ainsworth, '53, was the engineer of the railroad bridge at Davenport, Iowa George E Bryant, '54, and George P Buel, '56, performed valuable work during the Civil War as bridge builders Holland Wheeler, '59, was engineer of the Platte River bridge on the Union Pacific R R.

William H Wentworth, 68, was prominent as a bridge builder in Texas and Mexico Nathaniel W. Ellis, '68, was engineer in charge of the construction of the Sumbay bridge on the Arequipa & Puno R. R, in Peru Charles H. Nichols, '86, is one of the most prominent structural engineers in this country. He desig

Dale Creek Bridge. On the main line of the Union Pacific R. R., Gen. G. M. Dodge, '51, Chief Engineer.

in New York and other cities His most notable work is the construction of the "Dreamland," at Coney Island, the New York Stock Exchange, Hotel Belmont and the Bankers Trust Company's new building, on the corner of Wall & Nassau Streets George L Ballou, '91, James L Averill, '96, Harold S. Richmond, '00, and Fred T Bass, 01, are prominent structural engineers in New York.

A number of the graduates are identified with immense machine manufacturing companies Edward D Adams, '64, is chairman of the Board of Directors of the Allis-Chalmers Co, one of the largest companies of the kind in the world Samuel T Wellman, '66, is the president of the Wellman, Morgan, Seaver Engineering Co, of Cleveland, Ohio, one of the most prosperous manufacturing companies in this country Charles V Lord, '55, was the president of extensive plants in Maine Charles T Crocker, '64, was a director and extensive owner of many of the largest plants in Massachusetts

STRUCTURAL AND MACHINE COMPANIES

Allis-Chalmers Co.
Edward D Adams, '64, Chairman Ex Com

American Bridge Co.
Louis F Chamberlin, '01, Draftsman
Dean O Carr, '01, Draftsman
Harry M. Hobson, '02, Draftsman
Willard L Fuller, '02, Draftsman
Frank Strong, '02, Draftsman
Leroy H Davis, '07, Foreman on Construction

Berlin Bridge Co
Charles H Nichols, '86, Asst Eng
George L Ballou, '91, Draftsman
James L Averill, '96, Asst Eng.
Harold S Richmond, '00, Draftsman

Boston Bridge Works.
Fred E Lamb, '89, Asst Eng
Ephraim W Clark, '92, Asst Eng
Harold S Richmond, '00, Draftsman

Buffalo Pitts Steam Roller Co.
Jeffers F Richardson, '00, Dist

Burk Drill Co. (Ohio)
Curtis S Barrett, '03, Director

Cleveland Elevator Co (Ohio)
Curtis S Barrett, '63, Director

Clinton Bridge & Iron Co.
Dean O Carr, '01, Asst Eng

Cummings Structural Concrete Co
Fritz L Metzger, '03, Supt Cons

Dallas Bridge Co.
William H Wentworth, '68, Ch Eng

Des Moines Bridge & Iron Co
Dean O Carr, '01, Asst Eng

S W Hall Bridge Co.
William Partridge, '49, Supt Const

Hamilton Chambers Structural Co
James L Av

Howe Scale Co.
Fritz L Metzger, '03, Draftsman

Indiana Bridge Co
John H Byrd, '03, Asst Eng

Juragua Iron Co (Cuba)
Emilio P. Giro, '03, Asst Eng

Keystone Bridge Co.
Charles H Nichols, '86, Draftsman

Kirby, Petit & Green
Charles H Nichols, '86, Ch Eng

Lawrence Iron Works (Kansas)
Paul A Dinsmoor, '98, Supt

Lewison & Just
George L Ballou, '91, Secretary

Manhattan Tool Co
William S. Vernam, '64, Vice Pres and Gen'l Man

Milliken Brothers
Charles H Nichols, '86, Ch Draftsman
James L Averill, '96, Asst Eng

Morse Iron Works & Dry Dock Co
William S Vernam, '64, Man

National Bridge Works
James L Averill, '96, Chief Eng

New England Structural Co.
Ernest C White, '08, Draftsman

H L Norton Co.
James L Averill, '96, Ch Eng

Otis Iron & Steel Co
Samuel T Wellman, '66, Ch Eng

Pennsylvania Bridge Co
Dean O Carr, '01, Asst Eng

Post & McCord, Structural Engineers
Charles H Nichols, '86, Structural Eng
Charles J C Evans, '92, Draftsman

John H Byrd, '03, Draftsman
William E C Washburn, '04, Draftsman
Ernest A Lawrence, '05, Draftsman
T Wesley Earle, '10, Draftsman
Hermon H Kinsman, '10, Draftsman
Kenneth F Stebbins, '10, Draftsman

Providence Steel & Wire Co
George E Ames, '09, Asst Eng

Putnam Machine Co (Mass.)
Charles T Crocker, '53, Dir

Quinsigamond Iron & Wire Works
Edward S Stebbins, '38, Supt

Riter-Conly Manufacturing Co
Ernest S Ball, '03, Draftsman
John H Byrd, '03, Draftsman
Samuel L Fuller, '03, Draftsman
Stanley J Parsons '03, Draftsman
Charles R Hartwell, '06, Draftsman

Riverside Bridge Co
Harold S Richmond '00, Draftsman

Rome Iron Co
Henry B Douglass,'77, Supt and Mm Eng

John Russell Cutlery Co
Charles T Crocker '53, Director

St Louis Ore & Steel Co.
William F Sprague '77, Supt

Snead & Co
George L Ballou, '91, Asst Eng

Spanish-American Iron Co (Cuba)
WilhamL Norton'08, Asst

The Standard Co
Edgar F. Cairuthers, '95, Pres

Stupp Bros Bridge & Iron Co
Harold S Richmond, '00, Asst Eng

B F. Sturtevant (Mass)
Carroll J Scribner, '96, Draftsman.

Trussed Concrete Steel Co.
Samuel L Fuller, '03, Supt Const

Union Iron Works.
Charles V Lord, '55, Pres

Wellman, Seaver, Morgan Engineering
Samuel T Wellman, '66, Pres

Westinghouse, Church, Kerr Co.
Harold S Richmond, '00, Asst Eng.

Wisconsin Bridge Works
Louis F Chamberlin, '01, Draftsman

WATER WORKS AND SANITARY ENGINEERS

Several of the cadets became distinguished as water-works and sanitary engineers William Parker, 25, was engineer and superintendent of the Jersey City, N J water-works, Randolph Coyle, '28, was chief engineer of the water-works in Washington, D C , Alfred W. Craven 25 was chief engineer of the Croton Aqueduct Co., New York and the water-works of many large cities. The most important systems were those in Brooklyn, N. Y , Newark, N. J , Syracuse, N Y , Augusta and Savannah, Ga Moses Lane, '41, became an authority in this line of engineering He had charge of the construction of many large systems, the most important being at Brooklyn and Buffalo, N Y , Milwaukee, Wis , Indianapolis, Ind , Patterson, N J , and St. Louis Mo He was also consulting engineer on the construction of the water-works in Kansas City, Mo , Memphis, Tenn , and New Orleans, La Leonard J Wright, '52, was a prominent water-works engineer in Connecticut Holland Wheeler, '59, has had charge of the construction of several water-works systems in Kansas and made several important inventions in this line of work Charles Morton, 60, gained distinction in the development of the water supply of Boston Lloyd B. Fuller, '64, had charge of the construction of the 68th street crib, and "four mile crib," for the water-works of Chicago Charles S Wheelwright, '67, has become prominent in his work in the reduction of garbage and sewerage of cities He is president and manager of the American Extractor Company of Providence,

R I Nathaniel W Ellis, '68, was the engineer of many of the water-works systems in New England Charles E. Collins, '90 and John L Collins, '96, are becoming prominent in the construction of water-works systems and power plants F H Clark, '89, F C. Davis, '95, J Albert Holmes, '95, and H K Briggs, '03, have had extensive practice in water-works engineering

MINING ENGINEERS.

Several of the graduates became prominent in mining engineering Valentine B Horton, '25, was an extensive operator of coal mines in Ohio and was the first to transport coal down the Ohio River by steam barges Joel Amsden, '35, was a prominent mining engineer in Pennsylvania Brownell Granger, '56, was engineer of mines in Nova Scotia Curtis S Barrett, '63, was an extensive operator of coal mines in Ohio Samuel T Wellman, '66, is one of the best known mining engineers and manufacturers in America He is the inventor of the Wellman Hydraulic Crane, and the Wellman Open Hearth Charging Machine, also many other machines for the manufacture of iron William H Wentworth, '68, was one of the best known mining engineers in Mexico H B Douglass, '78 is now the inspector of coal mines for the New York Central and Hudson River R R Frank W Conn, '81, was engineer for several mining companies in Central America Charles W Mead, '81 was a prominent mining engineer in Montana and the Philippine Islands Joseph S Craigue, '92, is chief engineer for the G B Markle Coal Co of Jeddo Pa.

MINING COMPANIES

Alaska Petroleum & Coal Co
Arthur E Burr '06, Asst Eng

American Exploring & Mining Co
Napoleon Boardman, '47, Eng

American Mineral Co
Henry Van Rensselaer '25, Pres

Barrett & Rhodes
Curtis S Barrett, '63, Partner

Blue Mountain Tunnel & Mining Co
Edmond H Ryan, '92, Eng

Calumet Hecla Co
William Hooper, '76, Auditor

Cardiff Coal & Iron Co
Henry B Douglass, '77, Eng & Supt

Coal City Coal & Coke Co
Henry B Douglass, '77, Supt

Conqueror Mining Production & Power Co.
Wright S Prior, '89, Pres & Mgr

Coxheath Copper Mining Co
Brownell

Cullman Coal & Coke Co
Dean O Carr, '01, Asst Eng

Currier Stone Co.
Curtis S Barrett, '63, Director

Dennison Coal Co (Ohio)
Curtis S Barrett, '63, Director

Dorset Marble Co
Joseph H Goulding, '65, Sec

Dover Brick Co
Curtis S Barrett '63, Prop

E B Ellis Granite Co
Irving B Ellis, '01, Vice-Pres

H C Frick Coke Co
Stanley I Parsons, '03, Draftsman

Garret Coal & Mining Co
Henry B Douglass, '78, Supt

Great Western Coal Co
Curtis S Barrett, '63, Director

Mining Co (Illinois)
William Partridge, '49, Supt

Lackawanna Iron & Coal Co

Lehigh Coke Co
Edward D Adams, '64

Los Flores Mining Co (Mexico)
William H Wentworth, '68, Mgr

G B. Markle Coal Co
Joseph S Craigue, '92, Ch Eng
Charles F Gallup, '04, Asst Eng
Lyman N Wheelock, '08, Asst Eng

Northern California Mining Co
Samuel T Wellman, '66, Pres

Norton Coal Co.
Curtis S Barrett, '63, Director

Pioneer Coal Co (Ohio)
Curtis S Barrett, '63, Director

Pomeroy Coal Co (Ohio)
Valentine B Horton '25, Pres
Horace S Horton, '29, Sec & Treas

Port Henry Iron Co
Henry Van Rensselaer, '25, Pres

Retort Coke Oven Co
Samuel T Wellman, '66, Pres

Santee Mining Co (Georgia)
Thomas H Nickerson, '84, Asst Eng

Shailer & Hall, Quarry Co
Edwin F Johnson, '25, Pres and Treas

Stone Iron Co
William H Hubbard, '52, Sec

Vermont Marble Co.
Walter E Brown '97, Salesman
Chester E Duggan, '98, Instrument Man
William R Farrington, '03, Clerk
Harry C Pratt, '07, Inspector
Guy W Cobb, '07, Asst Eng
Ernest M Wheatley, '09 Clerk
James B Carswell, '10, Clerk
Allen W Reid, '10, Clerk

Vinton Colliery Co.
Henry B Douglass, '78, Supt

West Superior Iron & Steel Co
John C Wells, '67, Asst Eng

MINING ENGINEERS

'53 Adams, Leonard J
'55 Buell, Bela S
'56 Buel, George P
'46 Cleaver, John O.
'81 Conn, Frank W
'56 Freeman, Frederick N
'03 Prior, Willis G
'89 Prior, Wright S
'76 Rice, Henry H
'70 Willard, George M
'25 Van Rensselaer Henry
'39 Wright, Chauncey

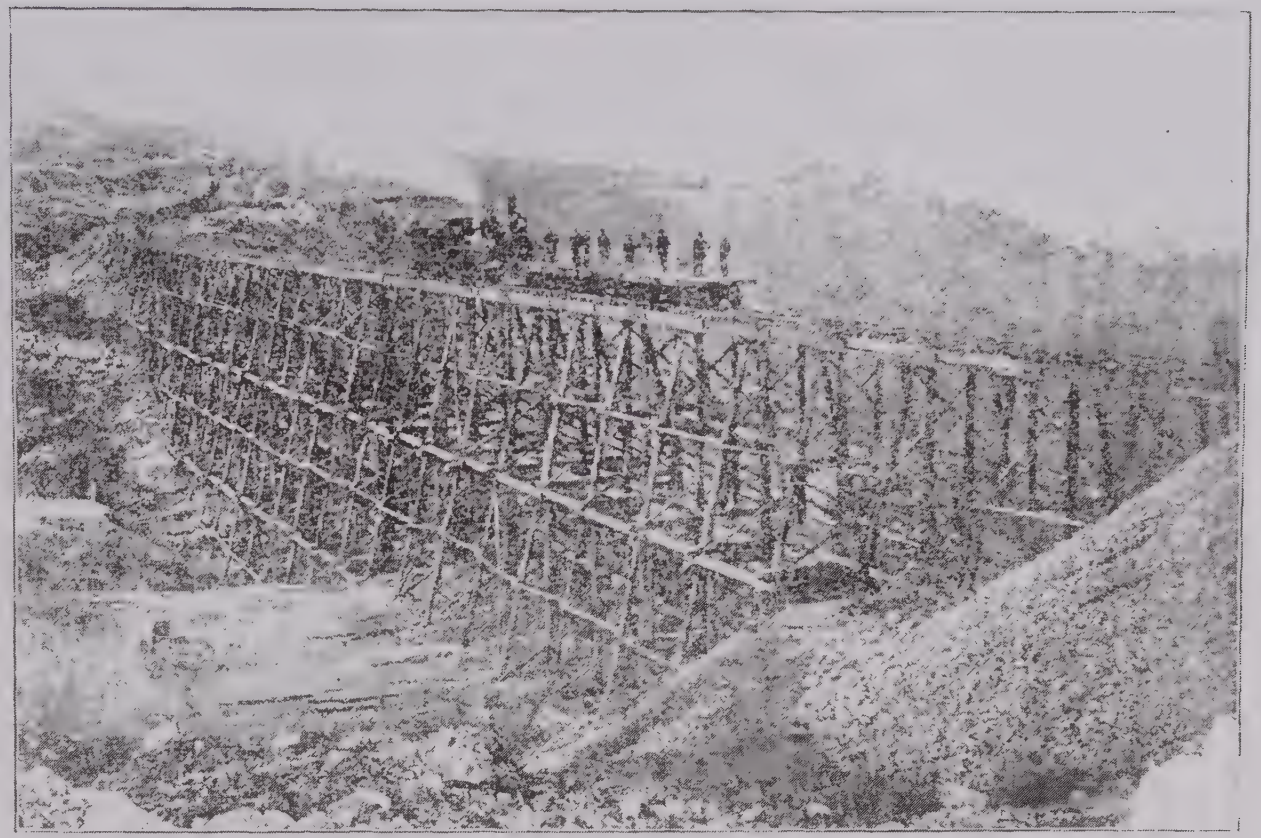
MILITARY AND NAVAL ENGINEERS

A number of the graduates became prominent as military and naval engineers Moncure Robinson, '24, was consulting engineer on fortifications in New York harbor Edwin F Johnson, '25, was consulting engineer to the U S War Department on fortification work during the Civil War William R. Lee '25, was chief engineer of the Massachusetts militia during the Civil War and had charge of construction of fortifications in Boston harbor and along the Massachusetts coast Josiah Tatnall, '23, had charge of the construction of the fortifications on the Tortugas Reefs, Florida, in 1829-30 William Partridge, '40 Grenville M Dodge '51, William H Greenwood, '52, George E Bryant, '55, and George P. Buel, '56, were prominent during the Civil War as military engineers Brownell Granger, '36, was chief engineer of the Boston Navy Yard for some time George H Derby, '42, George H Elliott, '52, were engineers in the U. S. Army. George A Converse, '63, became an authority on Naval construction. Holland N. Stevenson, '65, also became a prominent engineer in the Navy Epaphroditus H Seymour, '55, John H Hunt '56, and Samuel Welles, '59, were engineers in the Navy during the Civil War Thomas W. White, '41 served as engineer in the Confederate army. Dewitt C Webb, '92, is now engineer in charge of construction work at the Boston Navy Yard.

GOVERNMENT AND STATE ENGINEERS.

A number of the graduates have held important engineering positions with the U. S. Government George W Jones, '26, served as surveyor general of Iowa, 1840-41 and 1845-48. Roswell W Lee, '28, was a government surveyor in Texas Benjamin F. Marsh, '35, conducted the first land surveys in Montana Henry Hancock, '43, won distinction as a land surveyor in Southern California Edward M Brown, '44, was for some time U S. land surveyor in North Dakota Simon M Preston, '45, Solon Shedd, '51, James E. Ainsworth, '53, Charles H Lewis, '55, and Charles Morton, '60, were U S. land surveyors in Iowa and Minnesota Sewall Truax, '53, was a prominent government surveyor in Oregon and Washington W W Howard, 65, conducted extensive land surveys in Minnesota. Jonathan W Childs, '58, was a government surveyor in Florida and George V Boutelle, '59, in Colorado. Edwin F Johnson, '25, and Randolph Coyle, '28, were engineers on U S. Government boundary surveys. Henry J Hartstene, '28, conducted extensive coast surveys for the government Bertrand D. Barker, '03, was employed for several years as a U S Coast Survey engineer Fred M Goodhue, '91, and W B Carr, '97, were engineers for the U S Geological Survey. Holland Wheeler, '59, was a U S. Mineral surveyor in Colorado and Charles W Mead, '81, in Montana Randolph Coyle, '28, served for some time as chief draftsman for the U. S Land Office The following cadets are engineers for the Bureau of Public works in Manila. P I A H Sjoval, '08, George B Steele, '09, and Charles P. Cassidy, '09 Hugh J Betterly, '06, and James B Swett '06, were government engineers in Manila for some time The following cadets have been employed as government engineers. Henry Harding, '54, Frederick M Barstow '78, Fred E Lamb, '89. George S Miller, '95, Ludlow S Barker, '06, and Timothy Holland, '07. Frank D Holbrook, 93, Clarence R Andrew, '06 and Donald U. Smith, '08, are employed on construction of locks on the Ohio River William Driscoll, '00, is an engineer for the Mexican government

Several of the alumni have been employed by the various states The following cadets were engineers on the Illinois Internal Improvement Commission chief engineers, Hiram P Woodworth, '25, Truman B Ransom, '25, William B Gilbert, '28, division engineers, Charles Slack '38, assistant engineers, Henry V Morris, '36, Milton Wadleigh, '38, Horatio G Gilbert, '38, Jay Dyer, '[illegible] s
of the[illegible] s



Temporary Trestle, Promontory, Utah. Union Pacific R. R. Gen. G. M Dodge '51, Chief Engineer.

commissioner for New York, supervised the boundary survey between New York and Canada Henry O Kent, '54, as commissioner for New Hampshire, supervised the boundary survey between New Hampshire and Maine Frederic H. Farrar, '56, was first assistant engineer for the state of Louisiana Joseph S Craigue, '92 was assistant engineer for the Boston Board of Survey Fred C Davis, '95, was for some time resident engineer on the New York Barge Canal, and Leroy C Hulburd, '94, and George H Briggs, '96, are now resident engineers on the construction of this great water way

COUNTY AND CITY ENGINEERS

A large number of the graduates gained prominence as county and city engineers The service of the cadets by counties and cities is as follows

COUNTY ENGINEERS

Bolivia Co , Miss
James B Smith, '37
Clinton Co , Ill
David Richardson, '41
Clinton Co , Iowa
Allen B Slack, '39
Delaware Co , Ohio
Jay Dyer, '38
Delaware Co , Ind.
Alonzo F Estabrook, '35
DeWitt Co , Ill
David Richardson, '41
Douglass Co , Kan
David Hubbard, '57
Holland Wheeler, '59
Fannin Land District, Tex
Roswell W Lee, '26
Hancock Co , Iowa
Charles R Wright, '47
Henry Co., Ill.
David Richarsdon '41
Isanti Co Minn.
James E Ainsworth, '53
Jo Daviess Co , Ill
Milton, Wadleigh, '38
Johnson Co , Kan
David Hubbard, '57
Lasalle Co Ill.
T E G Ransom, '51
Le Sueur Co , Minn
Cyrus G Myrick '40
Lewis & Clarke Co , Mont
Benjamin F March, '35
McHenry Co , Ill
David Richardson, '41
Madison Co , Mont
Charles W Mead, '81
Millelacs Co , Minn.
James E Ainsworth, '53
Morrison Co , Minn
Phil S Randall, '86.
Rock Co., Wis
Harrison Stebbins '43
St Croix Co , Wis
William D Munson, '55
Sacramento Co , Cal
Gilbert W Colby, '48
Santa Cruz Co , Cal
Edmund B Kellogg, '45
Sullivan Co , Ohio
Alonzo F Estabrook, '35
Texas, Dist Surveyor
Levi W Goodrich, '57
Waushara Co , Wis
HenryFloyd, '48
Wis County Engineer
Isaac N Cushman, '39

CITY ENGINEERS

Anadarka, Okla
Herbert S Clark, '96, Asst Eng
Boston, Mass
Charles [illegible]
Buffalo, N Y
William B Gilbert, '28, Ch Eng
Bu[illegible]ter, Ky.

Cambridge, Mass.
Charles Collins, '90, Asst Eng
Frank J Donahue, '95, Asst Eng
J Albert Holmes, '95, Park Commis.
John M Ryan, '95, Asst Eng
Dean C. Warren, '95, Asst. Eng.
• George H Buggs, '96, Asst Eng
• John L Collins, '96 Asst Eng

Chicago, Ill
• Lloyd B Fuller, '64, Asst Eng

Corpus Christi, Tex.
Harry A Peabody, '03, 1st Asst Eng

Dallas, Tex
William H. Wentworth, '68 Ch Eng.

Denver, Colo.
George V Boutelle, '59 Ch Eng

Everett, Mass
• William F. Johnson, '10, Instrument-man
• Ernest C. White, '08, Instrument-man.

Fond-du-Lac, Wis.
Napoleon Boardman, '47, Ch Eng

Galena, Ill
Milton Wadleigh, '38, Ch Eng

Granger, Minn
Brownell Granger, '57, Founder

Helena, Mont.
Benjamin F. Marsh, '35, Ch Eng

Lawrence, Kan
Holland Wheeler, '59, Ch Eng

Leavenworth, Kan.
George P Buel, '56, Ch Eng

Le Sueur, Minn
Cyrus G Myrick, '40, Ch Eng

Lethbridge, Alberta, Canada
Charles D Frink, '07, Asst Eng

Little Falls, Minn
Phil S Randall, '86, Ch Eng

Los Angeles, Cal
Henry Hancock, '43, Ch Eng

Lowell, Mass.
Burton W Farnham, '91, Asst Eng

Ludlow, Mass.
Charles E Quimby, '91, Ch Eng

Lyons, Iowa
Allen B Slack, '39, Ch Eng

Manchester, N. H.
Nathaniel W Ellis, '68, Ch Eng.

Manila, P. I
Charles W Mead, '81, City Eng.

Middlebury, Vt.
Clarence B Riggs, '07, Eng., on Sewer System

Milwaukee, Wis.
Moses Lane, '40, Ch Eng

New Orleans, La
William S Campbell, '28, Ch Eng

New Rochelle, N. Y.
Clarence B Riggs, '91, Asst Eng

New York City, N Y
Henry A Smalley, '51, Asst. Eng
John R Moore, '73, Asst Eng
George E. Talbot, '98, Inspector of School Bldgs.
Eugene E McLean, '37, Asst. Eng.
Albert W Craven, '28, Ch. Eng.

Oil City, Pa
Willard L Fuller, '02, Asst Eng

Omro, Wis.
• Wilbur E Hurlbut, '93

Peoria, Ill
Charles E Denison, '45, Ch Eng

Peru, Ill
George W Gilson, '37, Eng
Grenville M Dodge, '51, Asst Eng
T. E. G. Ransom, '51, Asst Eng

Pittsfield, Mass
Charles E Collins, '90, Asst Eng

St. Albans, Vt.
Charles E Collins, '90, Ch Eng
Carroll J Scribner, '96, Asst Eng

San Jose, Cal. (First Surveys)
• Thomas W White, '41, Ch Eng

Scranton, Pa
Frank P Amsden, '59, Ch Eng

Somerville, Mass
J Albert Holmes, '95, Asst Eng
Samuel A Thomas, '95, Asst Eng

Sycamore, Ill.
Ray S Dowe, '95, Asst Eng

Washington, D. C.
Randolph Coyle, '28, Ch Eng

Woonsocket, R. I.
Charles F Parker, '90, Ch Eng

Worcester, Mass
Walter H. Hassam, '87, Asst. Eng
Fred H Clark, '89, Asst Eng
Wright S Prior, '89, Asst Eng
Percy G Smith, '91, Asst Eng
Charles H Davis, '95, Asst Eng
Fred H Davis, '95, Asst Eng
Bert H Prior, '95, Asst Eng
Herbert S Clark, '96, Asst Eng

Several of the alumni have become prominent in highway construction Frederick W Lander, '41, surveyed and had charge of the construction of the great overland wagon route to California in 1858-59 George W Balloch, '47, was for several years superintendent of streets of Washington, D. C. Several of the men have been especially prominent in Worcester, Mass W E. Hassam, '87, and Wright S. Prior, '89, were for several years street commissioners of that city and Fred H Clark, '89, is now holding the position Bert H Prior, '95, and Herbert S Clark,

'96, were for several years assistant street commissioners of that city Walter E Hassam, 87, is now general manager of the Hassam Street Paving Co , of Worcester which is doing extensive street paving business throughout the country Howard C Holden, '94, is a division engineer for the Massachusetts Highway Commission, and L B Clogston, '94 H B Wason '94, and Dean C. Warren, '95, were for some time engineers with this Commission. Hugh J. Betterly, 06, is an assistant engineer with the Connecticut Highway Commission and C A Tenney 06, is resident engineer with the Maryland Highway Commission Emilio P Guo, 03, is engineer for the Cuban Highway Department

INVENTORS

A number of the graduates became prominent as inventors. Moncure Robinson, '24, made several inventions in steam engineering. The locomotive ' Gowan & Marx,' constructed after his plans, brought him great prominence Edwin F Johnson '25, invented and patented a screw power press, a six wheel truck for railway cars, and an eight wheel locomotive, also made several other inventions Samuel Mower, 26, invented machines for making bricks, boots and shoes, and rope and twine Charles McDermott, '26, and Thomas W White '41, spent much time in perfecting flying machines To General Jackman is due the honor of inventing the ocean telegraph Walter Aiken, '54, designed the first engine used on the Mt Washington Railway. He also invented knitting machines, a machine for making latch needles and screws, taking out over forty patents Edward S Stebbins, '38, invented machines for making wire

William W. Chandler, 43, was the inventor and the first to put into operation refrigerator cars, in this country Edmund Rice, '60, invented a trowel bayonet, stacking swivel, and blanket roll and shelter tent, all now used by the United States and the English Army Holland Wheeler, '59 has patented a flush siphon tank, regulating valves, and sewer inlets, etc Samuel T Wellman, '66, has invented much machinery His open hearth charging machine has immensely reduced the cost of the smelting of iron Charles S Wheelwright 67, has made many inventions, improving the manufacture of paper, and for the reduction of garbage and sewerage Walter E Hassam, '87, has gained prominence as an inventor of a process for constructing pavements Louis C

Elroy A Chase, '03, has lately achieved success as an inventor of a machine for sawing granite. J C Coulombe, '08, has made many inventions, the best known is his gun silencer, which rivals the invention of Mr. Maxim.

Several of the cadets gained prominence in the construction of gas works George Merrick, '25, was engineer and superintendent of the Havana, Cuba, gas works for several years William S Campbell, '28, was the chief engineer and general manager of the New Orleans Gas Light Co., and consulting engineer on the Havana gas works Jacob Babbitt, '25, organized and was president of the Bristol, R. I, gas works Sanders Irving, '28, was chief engineer of the Covington, Kentucky, gas works, and L J Parker, '98, is now assistant engineer for the Providence, R. I Gas Company

CONSULTING ENGINEERS AND CONTRACTORS

Several of the cadets have engaged as consulting engineers and in general contracting. They are as follows

'25	Allen, Joseph D	'61	Galbraith, Frederick W	'86	Nichols, Charles H
'03	Bill, Ernest S	'52	Greenwood, William H	'90	Parker, Charles F
'17,	Boardman, Napoleon	'64	Henry, Horace C	'48	Parker, James W
'28	Campbell, William S	'43	Howe, Asa	'25	Parker, William
'01	Clark, Harry G	'82	Howe, Malvord A	'74	Silver, Robert A
'90	Collins, Charles E	'04	Hutchinson, William S	'51	Smalley, Henry A
'81.	Conn, Frank W	'25	Johnson, Edwin F	'91	Smith, Percy G
'95	Davis, Fred C	'39	Lane, Moses	'03	Stocker, Marshall M
51,	Dodge, Grenville M	'25	Lee, William R	'97	Sutherland, Donald W
'68	Ellis, Nathaniel W	'76	Luck, Charles J	'59	Wheeler Holland
'37.	Frazer, Robert	'37	McLean, Eugene E	'50	Young, Joseph E
64	Fuller, Lloyd B	'81	Mead, Charles W		

The service of the alumni with engineering and contracting companies is as follows

American Railway Improvement Co.
Grenville M Dodge, '51, Ch Eng

H. S Adams, Civil Engineer.
Joseph S Craigue, '92, Asst Eng.
DeWitt C Webb, '92, Asst Eng

F W Bishop Co.
Roland D Potter, '07, Supt of Const

Colorado and Texas Construction Co
Grenville M Dodge, '51, Pres

Brady Construction Co
Fritz L Metzger, '03, Supt on Const

Durkee, White & Towne, Civil Engineers
Percival C Sinclair, '05, Asst Eng

Empire Engineering Corporation
Edward D Adams, '64, Chairman, Board of Directors

French & Hubbard, Consulting Engineers
Edwin W Smallman, '08, [Civil Engineer

French & Bryant, Civil Engineers.
Howard C Holden, '94, Asst Eng
Dean C Warren, '95, Asst Eng

Friday Contracting Co
Samuel L Fuller, '03, Pres

Fuller Engineering Co
William L Norton, '08, Asst Eng

International Improvement Co
Grenville M. Dodge, '51, Ch Eng

George W Jackson Co
Bertrand D Barker, '03, Supt Const

Oriental Construction Co
Charles W Mead, '81, Pres

Shedd & Searle
Ernest V Booth, '87, Asst Eng

M L Stoddard, Architect
George E Talbot, '98, Supt of Const

Stone & Webster Engineering Corporation
George G Hinsdale, '94, Asst. Eng

Sanborn Construction Co
George F Mitchell, '08, Supt of Const

Texas and Colorado Improvement Co
Grenville M Dodge, '51, Ch Eng

Transit Finance Co.
Frank W Conn '81, Ch Eng.

A W Wood, Civil Engineer.
Charles H Davis, '95, Asst Eng.

Western Industrial Co
Grenville M. Dodge, '51, Pres.

RAILWAY EMPLOYEES.

Forty-five of the alumni and past cadets have been and are employed by railway, express, and stage companies as follows

'55	Bickford, Frederick T	'77	Gregg, Charles A	'82	Randall Clarence E.
'94.	Booth, Clarence H	'64	Hebard, William	'04	Randall George C
08	Bourdon, Frederick V	'83	Howe, Wilber C	'81	Smith, Marshall D
'85	Boynton, William	'90	Lewis, Dexter W	'85	Smith, Matthew B
'55	Burns, Emory	'70	Morrill, Leonard	'54	Thomas, Hartop P
'82.	Carr, Byron T	'02	Murch, George D	'47	Tucker, William H
'81.	Cleveland, Harry L	'97	Nash, Marcellus E.	'84	Wakefield, Daniel E.
'50.	Dana, Stillman E	'94	Ogle, Edgar J	'99	West, Bertrand L
07.	Eddy, Horace W	'80	Parker, Frank H	'59	Woods, Joseph W
'56	Farrar, William D	'89	Plaistridge, Walter S	'02	Wright, Henry J
'78	Ferris, William H	'47	Potter, Charles H †	'56	Wright Thomas K G
'58	Fowler, John G	'01	Potter, Robert J		
'57	Gilman, Benjamin M	73	Proctor, George W		

EMPLOYEES, EXPRESS AND STAGE COMPANIES

55	Briggs, Samuel E.	'67	Fiske, William	'73	Lyman Harry T
55	Buell, Bela S	'48	Lyman, George B	'48	Parker, James W.
98	Evans, George D	'48	Lyman, Elias, 2d		

MERCHANTS AND BUSINESS MEN.

Three hundred and thirty-four of the alumni and past cadets have engaged in general business Charles Tuller, '23, gained prominence as a merchant in Wisconsin, George Lyman, '23, Irving B Rich, '64, Edward C Houghton, '65, John H McLoud, '67, and Harry C Moseley '95, in Vermont, Asa W H. Clapp, '25, and Phineas Varnum, '25, in Maine, Thomas B Wales, '25, William G Brooks, '25, and James W Brown, '38, in Boston, Mass , Thomas J Harris, '22, Jonathan Baker, '25, Levi Bartlett, '25, Thomas H Leverett, '25, and John W. Tappan, '25, in New Hampshire, George W. Davis, '26, in North Carolina, Frederick Brewer, '27, and Ephraim T Miller, '27, in Connecticut

Ralph S Dorr, '25, was a wealthy merchant in Boston, Buenos Ayres, Argentine, South America, and San Francisco Thomas R. Trowbridge, '27, engaged in the West India trade and became one of the wealthiest men in Connecticut Paul C Cameron, '28, was one of the most prosperous business men in the South Benjamin F Babcock, '27, gained prominence as a merchant in New York City, Liverpool, England and Glasgow, Scotland William B. Huggins, '28, was one of the most prosperous dry goods merchants in Glasgow, Scotland

Samuel K George, '32, was a wealthy merchant in Baltimore, Md., C B Burnham, '39, of St Louis, Mo, was for many years one of the most prominent wholesale grocers in that city. William M. Whipple, '39, was a well known merchant in Illinois Charles A Silver, '41, of Brooklyn N Y is one of the most prosperous business men of that city Howard C Bancroft, '54 gained prominence as a dry goods merchant in Columbus, Ohio Stephen A Scripture, '50, was a well known baker in Lowell, Mass G M Dodge, '51, engaged extensively in trade with the Indians, and sent the first train through to Denver and opened there on Cherry Creek, one of the first mercantile houses Frederick F Fletcher, '57, was prominent in the wholesale business in Vermont and Minnesota Charles D Gregory, '64, was a prominent sugar merchant in St. Louis Marshall B Stebbins, '65, was a prominent hardware merchant in Boston James V Sweetser, '65, became a prosperous business man in Marion, Ind and Harry S Denny, '08 was a well known business man in Jacksonville, Fla

Thomas H Nickerson, '84, is a prominent merchant and business man in Athens, Ga., Earl H Prince, '86, in Chicago, Ill and George Gifford, '88, in Omaha, Neb

Merchants, Business Men and Salesmen.

'91	Adams, Benjamin H	'72	Brown, Eugene V	'26.	Desclaux, John A
'57	Adams, Fitz E	'38	Brown, James W	'25	Dinsmoor, William
'74	Adams, Solon	'97	Brown, Walter E	'51	Dodge, Grenville, M
'54	Aiken, Walter	'98	Bump, Louis C	'64	Dodge, William A
'29	Alden, George	'41	Burnham, Alfred A.	'25	Dorr, Alfred
'08	Amidon, Luey E C	'39	Burnham, Cyrus B	'25	Dorr, Ralph S
'24.	Amory, Charles	'28	Cameron Paul C	30	Dorr, Ralph S
25	Amory, James S	'24	Carpenter, William	'26	Dorrance, Sanders P
'55	Andrus, Delano F	'82	Carr Byron T	'46	Dow, Benjamin F
'38	Arms, Austin D.	27	Carrington, Edward	'38	Dow, William C
'63	Atwood, Charles H	61	Chandler, Edward A.	'65	Duncklee, Horace
'93	Austin, Flynn G	'65	Chapin, Charles J	'41	Eastman, Coggswell
'26	Babbitt Jacob	'04	Chapin George H	'25	Eastman, Philip
'27.	Babcock, Benjamin F	'23	Clapp, Asa W H	'27	Edwards, Alfred P
'23	Bailey, Joseph S	'25	Clapp, Charles	'67	Elliot, William C
'25	Baker, Jonathan	'66	Clark, Charles S	'46	Ensworth, Charles E
'53	Baldwin, Addison R	'38	Clark, George H.	'29	Eyre, John C
'47	Balloch, George W	'67	Clark, Henry C	56	Farrar, William E
'54	Bancroft, Howard C	'26	Coates, Morton	'57	Fenton, Frank B
'79	Batchelder Archie M	'89	Cobleigh, George H	'51	Fletcher, Albert A
'27	Barnes, William S	'37	Cobb, Daniel B B	'57	Fletcher, Frederick F
'46	Barron, Horace E	'45	Cobb, Samuel W	'39	Fletcher, Friend P
'25	Bartlett, Levi	'65	Cowles, Henry E S	'87	Fletcher, Paris M
'25	Baxter, Carlos	'67	Crandall Edward R	'03	Flint, Kemp B B
'25	Baxter Portus	'53	Crocker, Charles T	'74	Field, Charles E
'06	Bean, Earl L	'25	Cutter Charles	'87	Field, Wesley O
'41	Bean, Eli B	'99	Dale, Edward M	'39	Folsom, Gilman
'88	Bearss, Edwin C	'25	Dana Frederick	'25	Forbes, Edward
'73	Belknap, Simeon E	'73	Daniell, Harry W	'38	Frary Solon F
'88	Belknap, William O.	'23	Darling, Jonathan P	'56	Fullerton, William H
'74	Best, William H	'23	Darling, Joshua H.	'25	Gardiner, Robert H
'24	Binney, Charles J F	'51	Davis, George E	'67	Gay, Frederick
'38	Bissell, G Henry	'26	Davis, George W	'32	George Samuel K
'38	Bosworth, Stephen	'26	Davis Horatio	'64	Gerrish William
'55	Bowers, Lloyd H.	'50	Day John S	'88	Gifford, George W
'26	Brandegee, Jacob S	'52	Denniston, Charles Y	'23	Gilbert, Samuel S
'27	Brewer, Frederick	'88	Denny, Harry S	'50	Gillum, Henry H
'25	Brooks William G	'05	Denny Joseph H	'06	Gilman Dana H

'89 Gilman, Elbridge W
'37 Gilson, George W
'25 Goodall, David
'55 Gorman, Thomas
'61 Gregory, Charles D
'26 Griswold, Edward F
'28 Hale, George G
46 Hall William H H
'50 Hammond, John E W
'43 Hancock Henry
'24 Harris, Thomas J
'57 Hart, Elias B
'08 Hartshorn, Charles L
'57 Hascall, Henry B
'64 Hastings, Addison T
'25 Hatch, Albert G
'56 Hatch, Frederick A
'26 Hatch, Joseph D
'25 Hathaway, Guilford H
'03 Haven, William B
'03 Hays, William D
'88 Hayward, Fred F
'64 Hazelton, Walter S
'95 Hoffer Philo R C
'83 Holland, James M
'24 Holley, George W.
'29 Horton, Horace S
'25 Horton, Valentine B
'65 Houghton, Edmund C
'67 Howard, Abijah
'65 Howard, William W
'27 Hubbard Elijah K
'50 Hubbard Gurdon S
'30 Hubbard, Henry G
'25 Hubbard, Samuel T
'52 Hubbard, William H
'28 Huggins, William B
'42 Hunt, Roswell
'69 Hunt, William H
'26 Huntington, Andrew B
'26 Huntington Samuel A
'08 Huntley, Edwin D
'73 Huntoon, George L
'40 Hurlbut, Lucius
'38 Hutchinson James
'27 Hyde, William
'89 Irish, Robert L
'93 Jackman, Winthrop T
'51 Jarvis, Charles A
'76 Jewell, Eben B
'25 Johnson, Edwin F
'05 Johnson, William H
'82, Jones, Harry M
'03 Judd, Francis B
'90 Judkins, John H
'04 Kent, Charles N
'96 Kerr, Harry C
'73 Kimball Edson
'24 Kimball, Robert P.
'56 Kingsley, Levi G
'56 Kinne, Aaron
'26 Kinsman, Frederick
'28 Kirkland, Alexander
65 Ladd, William F
'01 Lance, Joseph T
'67 Lawrence, Francis G
'43 Lee, Stephen B
'68 Leonard, Henry B
'25 Leverett, Josiah S
'25 Leverett, Thomas H
'90 Lewis, Kenneth H
'08 Lockwood, Edward A
'28 London, Henry A.
'55 Lord, Charles V
'25 Lord, Nathaniel
'07 Lothrop, George L
'99 Lovell, George P
'23 Lowell, Charles R
'24 Lyman, Charles
'18 Lyman, Elias 1st
'23 Lyman, George
'76 McIlwaine, Theodore C.
'07 McLoud, John H
'46 McNeill, Edwin
'41 Manchester, Philander
61 Marcy, Andrew C
'54 Mead, Stephen O
'07 Mears, John H
'25 Merrick, George
'52 Merrill, Edward B.
'57 Merriman, DeForest H.
'58 Messenger, George
'71 Metcalf, George W
'57 Metcalf, John W
'64 Metcalf Ralph
'27 Miller, Ephraim T.
'23 Mower, Samuel
'28 Morris, Arthur B
'49 Morris Edward W
'51 Morris, Ephraim
'54 Morris, Henry C
'38 Morton, Lewis E
'95 Mosely, Harry C
'47 Newman, Asahel C
'84 Nickerson, Thomas H.
'55 Nichols, Styles
'04 Nichols, Stanley M
'28 Noble, John S
'25 Orne, William W.
'00 Osgood, Elbridge B
'61 Osgood, John H
'25 Paddock, Horace
'59 Parker, Charles E
'08 Partridge, Lewis B
'23 Partridge, Samuel
'10 Partridge, William
'58 Patten, Edwin B
'03 Patterson Rody
'26 Patton, Benjamin F
'43 Paul William P
'52, Peake, Peverill
'56 Penniman, Luther L
'30 Pennock, Nathan L
'09 Pennock, Sylvester M
'25 Perkins, Hamilton H
'43 Perkins, Norman E
'24 Perry, Carleton H
'10 Peterson, Howard B
'54 Pettis Robert T
'26 Phelps, Edward A
'62 Phillipes, Walter A
'57 Pickering, Thomas A.
'58 Pike, John B
'54 Platt, Zepeniah
'56 Pottet, Lorenzo
20 Prescott Henry
'86 Prince, Earl H
'04 Rand, Frederick H
'28 Ranney, Henry J
'07 Ransom, Harold A.
'66 Reed, Charles H
'70 Reed, Frank H
'18 Reed Oliver P
'18 Reynolds, Asa
'57 Rice, Edward W
'64 Rich, Irving B
'10 Rich, John T
'46 Richardson, Amos
'61 Richardson, Julius R
'49 Robinson, Calvin L
'24 Robinson, Moncure
'03 Robinson, Norman
'50 Roolofson, Frederick E
'65 Ross, Charles H
'25 Russell Walter W.
'39 Sargent, Charles H
'59 Sargent Harlan P
'39 Sargent, John H
'50 Scripture, Stephen
'28 Seymour, Daniel M
'28 Seymour, William D
'73 Sheldon, Archie L
'26 Sigourney, Henry H.W.
'41 Silver, Charles A
'68 Skinner, Henry C
'65 Smart, Charles H
'29 Smith, Isaac T
'81 Smith, Marshall D
'37 Smith, Timothy D
'41, Snow, Gustavus H
'55 Spaulding, William
'73 Spear, George J
'91 Sprague, William H
'52 Stanchff, William
'47 Standish, James V N
'60 Starr, William
'65 Stebbins, Marshall B
'00 Stern, Albert
'84 Stewart, Harry D
'86 Stewart Rolan W
'23 Stimpson, Jason
'68 Stowell, Eugene A.
'25 Swan, Benjamin
'49 Sweatt, Charles
'68. Sweet, Channing
'65 Sweetser, James V
'25 Tappan, John W
'74 Thayer, Arnold
'76 Thompson Noble A
'48 Tilton, Charles E
'41 Titus, William H H
'57 Treadwell, William A
'27 Trowbridge, Thomas R
'40 Tucker, Franklin
'47 Tucker, William H
'23 Tuller, Charles
'45 Tutherly, William E.
56 Tuttle Albert C
'74. Upham, Edward D
'24 Varnum, Phineas F
'49 Waite, Frederick T
'25 Wales, Thomas B
'26 Ward, Roswell B
'28 Ward William A
'62 Washburn, Justus W F
'98 Wheelock, Clarence D
'39 Whipple William M
'29 Whitefield, James B
'04 Whitmore, Adin H
'56 Wilkins, A Whipple
'49 Willard, Oscar A.
'73 Williams Charles K
'25 Williams, John
'84 Wilmarth Daniel E
'25 Woodworth, Hiram P
'57 Worthen, Harry N
'06 Wright, Frank R
'42 Wright, Joseph C
'25 Wright, William L
'91 Young Emerson L

SALESMEN

'73 Aldrich, George J
'99 Austin, George E
'93 Bailey, George I
'02 Booth, Leon P
'98 Bullock, Roy A
'88 Burke, Herbert G
'09 Clark, George W
'07 Coggeshall Chester H
'88 Davis, Nathaniel R
'77 Dewey Thomas
'87 Dimond, John L
'96 Dole, Harry R
'90 Dole, Heman E
'77 Douglass David B
'73 Eastman, Paris A
'94 Gillett, Heman
'93 Gokey, Frank A.
'88 Goss Henry H
'93 Hinsdale George G
'06 Hovey, Bradford P
'96 Howes, Phil S

'97	Keith Harry L	'74	Pitman, Edward P	'76	Stearns, James K
92	Lunderville, Isadore N	'66	Potter, Charles H	'98	Story, Sanford B
08	Lyons, Oscar P	'43	Post, Eugene J	'54	Tarr, Daniel B
57	Martin, Henry O.	'00	Richardson, Jeffers F.	'93	Terrill, Arthur I
06	Maxham, William E	'77	Robinson, Frank L	'89	Terrill, Willis E
47	Oliver, Caleb	'94	Rollo William H	'06	Tower, William A
07	Oram, Leslie J	'07	Shepard, Burton M	'07	Trombley, Lucian J
'07	Parker, Alden M.	'95	Sinclair, Thomas S	'10	Whitney, Joseph H
'77	Parker, George	'74	Smith, Edward T	90	Wright Edgar E

INSURANCE MEN AND COMPANIES.

A number of the men have become prominent in the insurance business and with various companies James S Amory, '25, and Peter W Freeman, '25 were officers in several life and fire insurance companies in Boston Jonas H Platt, '54, is prominent in marine insurance business in New York Henry M. Phillips, '64, was for a number of years secretary of the Massachusetts Life Insurance Co, Horace C Henry, '64, is president of the Northern Life Insurance Co, of Washington. Ralph B Denny, '91, is meeting with success with the Union Mutual Fire Insurance Co, and the American Fidelity Company of Montpelier Homer E C Rainey, '03, was for some time with the New York Fire Insurance Exchange and is now with the Railway Insurance Syndicate A large number of the men are employed by the Sanborn Map Company as insurance surveyors.

American Fidelity Co, (Vt)
Ralph B Denny, '91, Treas

American Insurance Co, (Mass)
James S Amory, '25, Dir

Association Factory Mutual Fire Insurance Co
Charles R Hartwell, '06, Surveyor

Boston Insurance Co
Peter W. Freeman, '25, Pres

BostonManufacturers'Fire Insurance Co
James S Amory, '25, Dir

Hartford Steam Boiler Inspection & Insurance Co
Seth B Adams, '90, Asst Eng

Lumber Mutual Fire Insurance Co
Arthur G Baker, '03 Eng

Massachusetts Life Insurance Co
Henry M Phillips, '64, Sec

Mutual Insurance Co.
William E Carleton, '06, Eng.

National Life Insurance Co, (Vt)
Phil S Howes, '96, Actuary

New England Life Insurance Co
James S Amory, '25, Dir

New York Fire Insurance Exchange
George P Lovell, '99, Asst Eng
Homer E Rainey, '04, Eng

Northern Life Insurance Co, (Wash)
Horace C Henry, '64, Pres.

Railway Insurance Syndicate (N. Y)
Homer E Rainey, '04 Eng

Sanborn Map Co.
Charles H Nichols, '86, Eng of Plant
James E Ross, '94, Eng
Leroy C Hulburd, '94, Eng.
Hal H Stearns, '94, Eng
Samuel A Thomas, '95, Eng
Frank J Donahue, '95, Eng
William A Ellis, '97, Eng
John P Moseley, '99, Eng
Frank L Aldrich, '99, Eng
George P Lovell, '99, Eng
Timothy J Holland, '01, Eng
George E Thomas '02, Eng
Arthur G Baker, '03 Eng
John T Powers, '03, Eng
Nathan L Thomas, '04, Eng.
Harry R Deal, '05 Eng
Joy C Ross, '05, Eng
Daniel R Barney, '06, Eng
William E Carleton, '06 Eng
Charles R Hartwell, '06, Eng
John K Morris, '06, Eng.
Martin L Rumrill, '06, Eng
Roy M Batchelder, '07, Eng
William M Ryan '07, Eng
Roy M Blanchard, '08, Eng.
Francis J McCarthy, '08, Eng
Robert G North, '08, Eng
Raymond V Root, '08, Eng.

Underwriters Bureau of New England Fire Ins Co
Timothy Holland, '01, Eng

Union Mutual Insurance Co
Ralph B Denny, '91, Asst Sec and Treas.

HOTEL PROPRIETORS.

A number of the alumni have engaged in the hotel business with marked success. Ephraim Hutchins, '22, was a hotel proprietor in Concord, N. H., many years. Riley Adams, '27, conducted hotels in Bristol and Burlington, Vt., and in New Jersey. Benjamin F. Patton, '27, was prominent in the hotel business in

Municipal Building, New York City,
McKim, Mead and White, architects; C. H. Nichols, '86, designer of foundations.

North Carolina. Horace E. Barron, '46, was for many years a popular hotel proprietor at Faribault, Minn. Wilder W. Parker, '47, was one of the first to open a hotel in San Francisco, Cal. Henry B. White, '49, was engaged in the hotel business in Massena Springs, New York, for many years. Walter Aiken, '54, as proprietor of the "Tip-Top" House on Mt. Washington, N. H.,

and of the Hamilton Hotel in the Bermuda Islands became prominent in the business. William M. Bates, '55, of New York City, is one of the best known hotel men in this country. He conducted for many years, hotels in Saratoga Springs, N. Y., in Newport, R. I., St Louis, Mo., and in New York City. Henry C Baxter, '66, was the proprietor of hotels in Boston and in Seattle, Wash. Frank C Hatch '76 was for some years manager of Hotel Royalton, New York City. The following alumni were also well known hotel men. Henry W Cushman, '25, Roswell Hunt, '42, Frank B Starr, '15, Luther L Penniman, '56 and Elisha P Hitchcock, '64.

BANKERS, BROKERS AND REAL ESTATE OPERATORS

Ninety-eight of the alumni have engaged in banking, brokerage and the real estate business, several becoming very prominent. James S. Amory, '25, was president, vice-president and director of several banks in Boston. Junius Spencer Morgan, '26, as organizer of the banking firm of J S Morgan & Co., became one of the best known financiers in the world. Thomas R Trowbridge, '27, J. H Watkinson, '28, and Edwin McNeill, '45, became well known bankers in Connecticut. Cyrus B Burnham, '39 of St Louis, Mo., was for many years a prominent banker in that city. Clinton S Averill, '49, and H O Kent, '54, were prosperous bankers in New Hampshire. Clayton E Rich, '63, is a well known cotton broker in New York. Edward D. Adams, '64, has become a "captain of industry" in New York, through his able financiering of immense enterprises. G P Putnam, '64, was a well known banker in Kansas City. W S Hazelton, '64, is a prosperous banker in Elkhart, Ind. Frank Whitney, '64, of Boston, was for many years manager of the Calcutta, India, branch of the Whitney Brothers' banking company of Boston. Frederic H Rand, '64, is a prosperous banker in Florida. Henry J Howe, '67, is a well known banker in Iowa. Waldo P Clement '72 of New York, was for several years a member of the New York Stock Exchange. William R Dorr, '73, became prominent in the banking business in Minnesota and New York, and Henry L Sherman, '78, is a well known banker in Lawrence, Mass. James M Holland, '83, who was for a time engaged in the banking business in Washington, is now a real estate operator in New York City. J H Goulding, '65, H C Cady, '91, H G. Woodruff, '91, and H N Mattison, '93, are all well known in the banking circles of Vermont.

'64 Adams Edward D
'37 Allen, Horace P
'25 Allen, Joseph D
'25 Amory, James S
'26 Anderson, William E
'78 Arms, Henry F.
'25 Austin, Romeo
'49 Averill, Clinton S
'26 Babbitt Jacob
'25 Baker Jonathan
'49 Benjamin, William W
'98 Booth Edwin
'55 Buell, Bela S
'66 Burkham, Elzey G
'29 Burnham, Cyrus B
'67 Burt, Charles P
'63 Bush Charles E
'91 Cady, Heber C
'72 Campbell, Stephen H
'65 Child, Oscar B
'72 Clement, Waldo P
'37 Cobb, Daniel B B
'45 Cobb, Samuel W
'25 Cotton, George
'53 Crocker, Charles T
'39 Cushman, Isaac N
'23 Darling, Joshua H
'56 Delafield Walter
'91 Denny, Ralph B
'63 Dewey, William S
'25 Dinsmoor, William
'51 Dodge, Grenville M
'73 Dorr, William R.
'78 Douglass, Francis
'78 DuBois, Fred E
'06 Edgerton, Halsey C
'06 Edgerton, Malcolm J
'73 Ely, Frederick L
'64 Estey, Julius J
'52 Fletcher, Albert A
'37 Gilbert, Horatio G
'23 Goodhue, Wells
'68 Goss Frank A
'65 Goulding, Joseph H
'25 Griswold, William P
'48 Hill, William H H
'25. Hathaway Guilford H
'64. Hazelton, Walter S
'64 Henry, Horace C
'83 Holland, James M
'69 Howe, Henry J
'29 Hubbard, Henry G
'82 Jennings, William A
'54 Kent, Henry O
'90 Kent, Henry P
'23 Leverett, Thomas H
'55 Lewis, Charles H.
'55 Lord, Charles V
'50 Lyman, Elias
'45 McNeill, Edwin
'78 Marsh, Edward S
'93 Mattison Hiram N.
'24 Means, Robert
'64 Metcalf Ralph
'25 Minot, George
'64 Morey, Arthur P
'26 Morgan, Junius S
'51 Morris, Ephiam
'55 Olcott, George
'02 Orser, Henry W
'56 Potter, Lorenzo
'45 Preston, Simon M
'86 Prince, Earl H
'95 Prior, Bert H
'64 Putnam, George P.
'61 Rand, Frederic H.
'63 Rich, Clayton E
'61 Rich, Irving B
'78 Sherman, Henry L
'64 Sleeper, Charles
'81 Smith, Marshall D.
'72 Steele, George
'49 Sweatt, Charles
'65 Sweetser, James V
'48 Tilton, Charles E
'25 Tappan, John H
'52 Towne, John P
'27. Trowbridge, ThomasR
'48 Utley, Herman G
'55 Vermilye, Washington R
'64 Vernam, William S
'41 Warren, Stephen S
'01 Washburn, WilliamE C
'28 Watkinson, John H
'39 Whipple, William M
'68 Whiting, Frank M
'64 Whitney, Frank
'91. Woodruff, Harrison, G.
'39 Wright, Chauncey
'38 Young, Nathan S

MANUFACTURERS

A large number of the alumni became prominent as manufacturers Charles Amory, '25, and James S Amory, '25, were presidents and directors of many large mills in New England William S. Dewey, '63, John J Dewey, '65, Charles H Wood, '65, and Charles M Davis, '82 are now extensively engaged in manufacturing woolen and cotton goods Francis A Sawyer, '64, was a member of the firm of F. A & J Sawyer, extensive woolen manufacturers in Dover, N H Henry G Hubbard, '30, was the president of the Russell Manufacturing Co., one of the largest and most prosperous companies in Connecticut Walter Aiken '54, was an extensive manufacturer in New Hampshire and Curtis S Barnett '63, in Ohio Julius J Estey, '64, was for many years president of the famous Estey Organ Co , of Brattleboro, Vt

Eben Richards, '53, and Charles T. Crocker, '53, were extensive manufacturers of paper Charles E Bush '63, Charles S Wheelwright, '65 Frank A Flint. '77, and Paul A Dinsmoor, '98, are now actively engaged in that line of business

William Blackington, '66, and Frank M Whiting, '68, were prosperous jewelry manufacturers in Massachusetts and Rhode Island Samuel L Pitkin, '24, was a prosperous manufacturer of powder in Connecticut Obed Foss, '50, is a well known manufacturer in Maine and Frank A Manual, '93, and Louis C Bump, '98, in Vermont.

'51 Aiken, Walter
'20 Allen Joseph D
'25 Amory, Charles
'25 Amory James S
'78 Arms Henry F
'26 Babbitt, Jacob
'01 Barclay, Douglass M
'63 Barrett, Curtis A
'25 Baxter, Carlos
'66 Blackington, Williams
'98 Bump, Louis C
'63 Bush, Charles E
'53 Crocker, Charles T
'26 Crownnshield, Francis B
'82 Davis, Charles, M
'59 Davis, Samuel E
'08 Day Clarence E
'65 Dewey, John J
'63 Dewey, William S
'98 Dinsmoor, Paul A
'69 Dole, Charles
'41 Eaton, Robert B
'21 Emerson, Curtis A
'61 Estey, Julius J
'77 Flint, Frank G
'50 Foss, Obed
'24 Gignilliat, Norman P
'68 Goss, Frank A
'01. Grant, Charles H
'68 Grosvenor, Robert
'67 Grow, Julius J
'79 Howe, Frank L
'69 Howe, Henry, J
'56 Hubbard, George W
'30 Hubbard, Henry G
'81 Jones, Henry M
'65 Johnson, William H
'25 Judd, Daniel
25 Lemmey, William H
'50 Little, Richard S
'55 Loid Charles V
'28 Macay, William S
'81 Maddock William S
'03 Manuel, Frank A
'07 Martin, William J
'49 Morris, Edward W.
'52 Morris, Ephraim
'47 Nichols Stephen H.
'55 Peake, Willis R
'46 Pierce, Horace T II
'64 Phillips, Henry M
'24 Pitkin Samuel L
'66 Potter, C H
'52 Rice, Charles
'53 Richards, Ebor
'53 Richards Nelson
'64 Sawyer, Francis A
'28 Sill, Frederick
'29 Southmayd, Samuel G
'61 Smith Ellis F
'50 Stanyan, John M
'28 Stan, Ethan W N
'72 Steadman, William L
'76 Stearns James K
'43 Stebbins, Harrison
'27 Sterling Theodore B
'24 Swan, Benjamin
'27 Taylor, George W
'07 Thomas Thorpe R
'64 Vernam William S
'28 Welles, Leonard R
'66 Wellman, Samuel T
'65 Wentworth, Charles L.
'07 Wheelwright Charles S
'08 Whiting Frank M
'81 Wilmarth, William H.
65 Wood, Charles H
52 Woodward, Solomon E

TEXTILE COMPANIES

Atlantic Mills
William Hooper, '76, Treas

Burlington Woolen Mills (Vt)
Carlos Baxter, '25, Director

Cheney Brothers (Conn)
Charles H Cheney, '86, Civil and Mechanical Eng

A. G Dewey Co.
William S Dewey, 65, Treas
John J Dewey, '65 Pres

Hartford Woolen Co (Vt)
Edward W Morris, '49, Pres
Ephraim Morris, '52, Pres

Jackson Co (N H)
James S Amory, '25, Treas

Laconia Knitting Needle Co
Harry W Daniell, '73, Mgr

Lancaster Mills Co (Mass)
James S Amory, '25, Treas

Ludlow M'f'g Co
Charles E Quimby, '91, Ch Eng

Manchester Print Works
Charles Amory, '24, Treas

Merrimack M'f'g Co
Francis B Crownshield, '24, Treas

Nashua M'f'g Co (N H)
James S Amory, '25, Treas

Ottaquechee Woolen Co (Vt)
Edward W Morris, '49, Pres
Ephraim Morris, '52, Pres

Stark Mills
Charles Amory, '24, Pres

Winnepiseogee Lake Cotton and Woolen M'f'g. Co.
Harry W Daniell, '73, Agent

Winooski Cotton Mill Co
Joseph D Allen, 25 Director

MISCELLANEOUS COMPANIES.

Altamont Realty Co
Franklin J Saxe, '74, Director

American Extractor Co
Charles S Wheelwright, '67, Pres

American Granite Saw Co
Leroy A Chase, '03, Ch Eng

Atlantic Coast Co
Franklin J Saxe, '74, Sec and Mgr

Bennington Security Co
George E Donnelly, '95, Sec

Boston Back Bay Co
Charles Morton, '60, Supt.

Boston Heating Co
Charles Morton, '60, Supt

Crocker, Burbank & Co (Mass.)
Charles T. Crocker, '53, Pres

Eastern Ice Co
Harry D Stewart, '84, Sec

Estey Organ Co
Julius J Estey, '64, Pres

Export Lumber Co
Franklin J Saxe, '74, Mgr

Florida Land & Colonization Co
Frederick H Rand, '64 Mgr

Gas Saving Co
William W Howard, '65, Vice-Pres. and Mgr

Hudson Bay Co
John W Dicks '25, Captain on steamer

International Contmuous Filterpress Co
Charles S Wheelwright, '67, Pres

International Paper Co
Fred M Goodhue, '91, Asst Eng
Jordan, Marsh & Co
Henry C Clark, '67, Asst Mgr
Keith Paper Co (Mass)
Charles T Crocker, '53 Director
Lawrence Paper M'f'g Co
Paul A Dinsmoor, '98, Mgr
National Transit Co
Willard L Fuller, '02, Asst Eng
New Orleans Gas Light Co
William S Campbell, '28, Ch Lng
Nockege Corporation Co
Charles T Crocker, '53, Pres
Orswell Corporation Co
Charles T Crocker, '53 Pres
Pacific Coast Creosoting Co.
Horace C Henry, '64, Pres
E Richards & Son (Paper Mills)
Eber Richards, '53, Pres
George P Rowell Co
Charles N Kent, '64, Mgr
Schiller Hubbard Co
William H Hubbard, '52, Vice Pres and Treas
Ticonderoga Pulp & Paper Co
Charles E Bush, '63, Sec
Union Car Line
William W Chandler, '43, Gen l Mgr
George Wheelwright Paper Co
Charles S Wheelwright, '67, Pres
H C White Co
Arthur H Cushman, '96, Vice-Pres
F M Whiting Co
Frank M Whiting, '68, Pres

LUMBERMEN

Twenty-one of the alumni have engaged in the lumber business Curtis A Emerson, '25, and Charles Rich, '23, were, for a number of years prominent in the lumber business in Michigan James E Lindsey, '47, is one of the most prominent lumber manufacturers in the Middle West Wilder W Parker, 47, was one of the first to engage in the lumber business in Oregon George O Tyler, '57, of Burlington, Vt., was for many years an extensive lumber operator in Vermont and Canada Harlan P Sargent, '59, is a well known manufacturer of lumber in Maine Franklin J Saxe, 73, of New York City, is a well known wholesale lumber dealer, operating mills in various sections of this country and Canada Craig O Burt, '04, is one of the most extensive lumber manufacturers in Vermont

The following alumni have also engaged in the business with success Fritz E Adams '57 Irving R Bickford, '08, Gilbert W Colby, '48, Francis R Hall '87, Edward Hatch, '50, Thomas B Loveland, '42 Asa Reynolds, '48, Eber Richards, '53, John T Smith, '02, William H. Tucker, '72 Ellis P Walcott, '64, George R White, 52, Silas Wyman, '67

FARMERS, PLANTERS AND RANCHMEN

Captain Partridge was one of the first prominent educators of this country to give practical instruction in Agriculture — Nearly two hundred of the alumni and past cadets have engaged in farming, planting, and ranching For several years a large number of the cadets were from the South many of whom gained prominence in this line of work.

Entrance to North Platte Canon.
Through the Seminole Mountains, near the mouth of the Sweetwater Creek General Dodge, General Rawlings and Orderlies.

Norman P Gignilliat, '25, was one of the best known planters in Georgia, owning an estate of many thousand acres of land Henry W Cushman, '25, was a prosperous farmer in Northern Massachusetts, and took an active part in the establishing of the State Board of Agriculture Wales Cheney '25, became a prominent horticulturist in Western New York and Levi Hoppin, '25, was a well known stock raiser in Connecticut Hugh S Ball, '26, became a rich rice planter in South Carolina William P Smith, '26, was one of the most extensive cotton growers and slave owners in Louisiana Albert W Dunbar, '26, was a rich cotton planter in Mississippi George S Webster, '26, and Richard D Smith '26, became rich planters in Cuba William R Sanford, '26, was one of the most successful breeders of merino sheep in this country Stephen N Routh, '26, was a well known planter in Louisiana Francis Yates, '27 was a rich planter in West Virginia. Edward A Phelps '27, conducted for many years one of the finest stock farms in Connecticut. Richard J. Downing, '28, was a rich farmer in Pennsylvania William G Harding, '28, as owner of the "Belle Meade" stock farm in Tennessee, became one of the best known breeders of thoroughbred race horses in this country Paul C Cameron, '28, was one of the most prosperous planters in the south He was the first president of the Agricultural Society of North Carolina, and did much to promote the agricultural interests of that state James B Whitefield, '29, was another well known planter in North Carolina Daniel Thompson, '42, owner of the "Calumet Plantation" in Louisiana, became one of the most prosperous sugar planters in that state Gustave A Breaux, '47, and William P Kellogg, '47, were also prominent sugar planters in Louisiana Henry Hancock '43, was one of the most extensive ranch owners in Southern California. Bernard G Farrar, 45, of St Louis, Mo, was for many years a prominent plantation owner in Missouri James W Parker, '48, was a well known ranchman in Texas Louis M Strobel, '51, was an extensive plantation owner in Texas Edwin S Stowell, '52, was a well known breeder of fine stock in Vermont George F. Bryant, 54, conducted for many years an extensive stock farm near Madison, Wis Oscar H Leland, '54, is an extensive farmer in Texas Martin V B Wason, '54, was for many years a prominent ranchman and cattle owner in Colorado Henry E Alvord '63, was one of the best known farmers in this country. Rody Patterson, 63, as the owner of the "Springhurst" farm at Lexington, Ky, became one of the best known stock breeders in

the United States Wesley K Walton, '67, is a well known ranchman and stock raiser in Utah, and George W Metcalf, '73, is a prosperous cattle and sheep owner in Wyoming George J Spear, '73, has gained prominence in the nursery business in Colorado

'28	Adams James U	'27	Gill, John W	'49	Partridge, William
'27	Alexander, Henry D W.	'63	Goddard, Samuel H	'63	Patterson, Rody
'63	Alvord, Henry E	'56	Guild, Edwin	'25	Pearce, William
'10	Ashe, Thomas P	'26	Gervais, John L	'27	Phelps, Edward A
'25	Baker, James	'26	Hale, Osmer	'00	Poor, Mark L
'26	Ball, Hugh S	'61	Hall, Josiah	'26	Porcher, Thomas C
'28	Barnard, E Henry	'78	Halsey, Henry J T	'72	Porter, Samuel H.
'26	Barrow, Bennett H	'52	Harding, Samuel B	'43	Post, Eugene J
'27	Baylor, Richard G	'28	Harding, William G	'52	Preston, Sylvester S
'28	Baxter, Carlos	'46	Haskell, Henry L S	'46	Richardson, Amos
'67	Benson, Seth H	'76	Hatch, Francis G	'59	Rolfe, John M
'47	Breaux, Gustave A	'26	Heriot James	'26	Routh, Stephen N
'54	Brownell, Thomas S.	'53	Herrick, Henry O	'26	Ruthford, Adolphus
'54	Bryant, George L	'97	Hill, Guilford H	'26	Sanford, William R
'55	Buell, Bela S	'27	Hobson, Thomas S	'64	Shattuck, Abbott A
'64	Buell, James W	'04	Holden, Ira L	'39	Shattuck, Lemuel
'67	Burnham, Henry C	'27	Holmes, Arthur F	'55	Shaw, Nathaniel S
73	Burt, Henry A	'25	Hoppin Levi	'27	Shipp, William
'56	Buttrick, George	'28	Howard, Augustus	'26	Sinkler, James
'28	Cameron, Paul C	'07	Hoyt, David C	'47	Slafter, Judson
'28	Cameron, Thomas A	'51	Hunsden, Charles	'48	Slayton, Truman L
'26	Caraway, George E	'09	Hutchinson, John D	'56	Smith, Alonzo F
'25	Cheney, Wales	'51	Jackson, John C	'79	Smith, Benjamin P
'26	Clark, Henry L W	'03	Janvrin, Louis H	'48	Smith, George C
'48	Colby, Gilbert W	'81	Jennings, William A.	'26	Smith, Richard D
'26	Collins William F	'08	Julson, Adin H	'26	Smith, William P
65	Cowles, Henry E S	'26	Johnston, Daniel P	'41	Snow, Asa H
'25	Cushman, Henry W.	'26	Johnston, McKewn	'73	Spear, George J
'41	Cushman, Simeon S	'07	Jones, Nelson R	'66	Stiles, Eli G
'50	Cutts, Edward H	'47	Kellogg, William P	'38	Stone, John
'66	Daniels, Willis K	'26	Kemp, James	'52	Stowell, Edwin S
'45	Dean, Charles K	'51	Kingsbury, Charles F	'51	Strobel, Louis M
'81	Deering, George E	'25	Leavenworth, Nathan B	'26	Thompson, Charles S
'61	DelPomey, William J			'42	Thompson, Daniel
'10	Dewey, Frank S	'54	Leland, Oscar H	'26	Thompson, Ebenezer
'26	DeWolf, Henry G	'28	Little, George	'92	Tracy, George A
'69	Dole Charles	'48	Loveland, Reuben S	'27	Van Rensselaer, Henry
'38	Dow, Simon	'61	McCulloch, Frederick H.	'19	Waite, Frederick L
'27	Downing, Richard J			'67	Walton, Wesley K
'27	DuBuose, Theodore S	'28	McDermott, Charles	'26	Warring Morton
'26	Dunbar, Albert W.	'28	McIntosh, George H.	'41	Warren, Stephen N
'38	Dyer, Jay	'26	McNeil, Stephen D	'27	Washington, Thos B
'26	Edings, Benjamin	'26	Macay, William S	'56	Wason, Martin V B
'26	Edings, Joseph	'41	Major Augustine L C	'43	Watkins, Urbane D
'26	Edings, William	'46	Merrick, Roswell E	'49	Webb, George W
'27	Edwards, William J	'73	Metcalf, George W	'26	Webb, Thomas L
'45	Farrar, Bernard G	'55	Miller, Henry G	'26	Webster, George S
'50	Fifield, Samuel N	'51	Mower, Albion J	'03	Wheeler, Morrill D
'27	Fitts, Oliver D	'54	Munson, William D	'40	Wheeler, Simeon
'39	Fletcher, Friend P	'41	Nalle, Benjamin F	'08	Wheelock, Leroy G
'32	Flint, Martin M	47	Newman, Asahel C	'29	Whitefield, James B
'55	French, George B	'26	Palmer, John G	'64	Whitmore, Adin H
'07	Frink, Noah	'47	Parker, Freeman	'24	Willis, James F
'64	Fuller, Lloyd B	'48	Parker George W	'65	Wilmarth, Albert W
'25	Gumulhat, Norman P.	'48	Parker, James W	'30	Wright, Chauncey
'56	Gile, Independence	'26	Parsons, George A	27.	Yates, Francis

QUARRYMEN

Edwin F Johnson, '25, Frederick W Russell, '51, James M. Standiffe, and Alfred G Hall, '55, were prominent in developing the red sandstone quarries of Portland, Conn. Daniel Judd, '25, was for many years engaged in the marble business in Middlebury, Vt. Irving C Ellis, '01, has gained prominence as vice-president of the E. B Ellis Granite Co His company has had many large contracts. The most important work executed by this company

was the furnishing of the granite for the new Pennsylvania station in Washington, D. C. Douglass M. Barclay, '01, is a member of the firm of Barclay Brothers of Barre, Vt., one of the largest granite manufacturing companies, and operators of quarries in the world. Eight of the alumni have engaged in building and cabinet work.

SAILORS AND SEA CAPTAINS.

Several of the cadets followed the sea as a livelihood. John W. Dicks, '24, became a well known sea captain, visiting nearly every seaport in the world. Nathaniel Lord, '24, was another prominent sea captain. James Murdock, '24, was for many years a captain in the East India Trade and was later in command of ships running between Boston and Liverpool. William Pearce, '25, was for many years a prominent sea captain. Isaac T. Smith, '28, was for several years on ships in the East Indies. Lyman B. Carter, '47 was a sailor many years in the China seas, where he lost his life by falling from a mast during a storm. Frederick T. Ward, '49, was in command of a sailing ship when but sixteen years of age. Edmund Rice, '60, also served for some time as a sailor in the China seas. Edward Mc C. Peters, '80, was for many years master of ships in South America trade. The other cadets following the sea were William C. Denison, '27; Lloyd B. Cooper, '28; Charles E. Phelps, '28; Orlando D. Simonds, '49; Daniel S. Stanwood, '50; W. C. Blanchard, '55; William B. Eaton, '66; Eugene A. Stowell, '68; William R. Curtis, '77; John Rushlow, '93.

Guilford H Hathaway, '24, Charles Clapp, '25 and Charles E Tilton '48 were well known ship builders The service of the cadets with steam boat companies is as follows

Bangor & Boston Steamship Co
William B Eaton, '66, Purser
Bay Line Steamship Co
Monoure Robinson, '24, Pres
Cape Fear & Deep River Navigation Co
Henry A London, '28, Pres
Connecticut River Steam & Canal Boat Co.
Truman B Ransom, '25, Ch Eng
Iron Steamboat Co
Grenville M Dodge, '51, Director
National Lighterage Co
Franklin J Sage, '74, Director
Neuce River Line (N C)
James B Whitefield, '29, (Owner)
Ohio River Barge Line
Valentine B Horton, '25, Pres
Oregon R R & Navigation Co
Charles E Tilton, '48, Member of Company
Pacific Coast Steamship Co
William R Curtis, '77, Purser
Tampa Bay Steamship Co
Frederic H Rand, '65, Gen'l Freight and Passenger Agent

FINE ARTS

Several of the cadets have become well known in the department of Fine Arts. Henry H Cushman, 96 is vice-president of the H C White Co, manufacturers of stereographs L P Booth, '97 is a well known photographer of Providence, R. I.

Nathan L. Pennock, '32, Thomas M Dewey, '32, and W. W Chandler '45, were prominent 'singing school' teachers in New England Charles S Ball, '38 and Capt Augustus L Papanti, '67, were accomplished violin players Captain Papanti was also for many years the most famous dancing master in Boston Hallie J Huntoon, 75, and George Donnelly, 95, have successfully conducted orchestras for several years Edwy W Foster, '59, and William V B Thompson, '79, were well known composers of music Truman B Ransom, '25, Edwin Perkins, '28, and Edwin Stuntevant, '28 were prominent music teachers in various sections of the country William H Wilmarth, '84, is an accomplished organist

Isaac B Alexander '27, was a portrait artist of ability William B Boggs, 27, became one of the most prominent amateur painters in the navy Edgar Parker 59, was for many years one of the best known portrait painters in Boston William H Wilmarth, '84 is an accomplished artist and is now perfecting his art in Milan, Italy Jacob A Vogel, 48, became a well known actor Joseph D Brennan, '78, is an accomplished actor E F Murdock was for many years a successful theatrical manager and Arthur J McKay, '07, is meeting with success in this line of work. George R Miner, 84, has gained prominence as dramatic editor of the *New York Herald*.

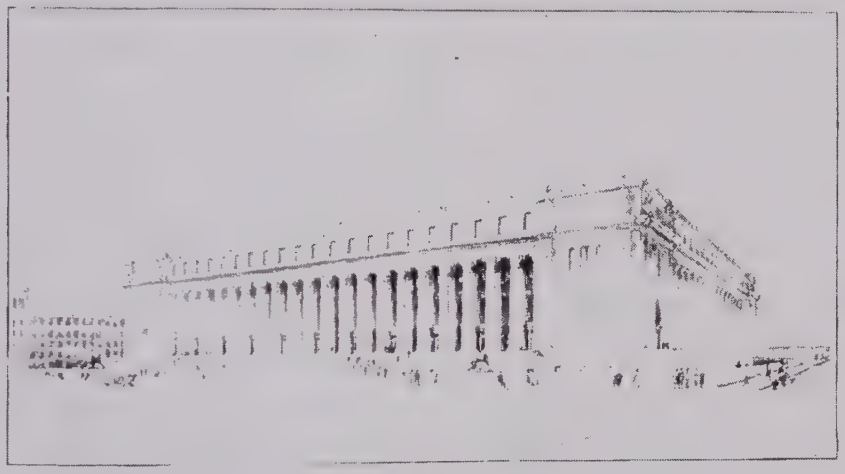
A number of the alumni gained prominence as architects Joel Amsden '35, was for many years a well known architect in Scranton, Pa William R Mead, '64 of the firm of McKim, Mead & White of New York city, is one of the most prominent architects in this country. His company has made the plans for many of the finest buildings in this country, the most notable being the Boston Public Library Madison Square Garden, New York City, Columbia University Library Municipal Building, New York City, U S Post Office Building, New York City, the White House (reconstruction) and Madison Square Presbyterian church, New York City Fred T Austin, '88, has made the plans for many buildings in New England, and was the architect of the U S Government's refrigeration plant at Manila, P I. J. Albert Holmes, '95, has gained prominence as a landscape architect.

AUTHORS.

Eighty of the men have been employed in the field of literature Ebenezer B Williston, '23, was the author of an edition of Tacitus," and the "Eloquence of the United States," a work of five volumes Benjamin M Tyler, '23, was the author of several valuable text books and Theophilus Fiske, '23, was a well known writer on theological and philosophical subjects James H Ward, '23, became one of the ablest writers on military subjects in this country John W Prentiss, '23, was a member of the firm of J & J W Prentiss, well known publishers of Keene, N H Orestes A. Brownson, '24 was one of the most prolific writers in New England on philosophical and political subjects, and Edwin F Johnson, 25, was a distinguished writer on engineering and scientific subjects John C Holbrook, '25, and Truman B Ransom '25, were authors of Military Tactics and other military publications John C Holbrook, '25, was for several years engaged in the publishing business, and was the author of 'Recollections of a Nonagenarian," and several religious and historical articles. Gideon Welles, '26, was a prominent writer on political subjects His "Diary," has just been published in the *Atlantic Monthly* William Duane, '26, was the author of several historical works, and William H. Brisbane, '26, a writer on religious and political subjects. Bernard Shipp, '27, became an authority on the early Spanish explorations in America His library, valued at $100,000, was lately presented to the University of Virginia

Carolina history and John P. Jones, '27, the author of several law books. John T. Blois, '27, wrote several historical works. Philip Phillips, '28, was a prolific writer on law subjects and Ralph L. North, '28, was also a prominent author of law works. Luther R. Marsh, '28, was a well known writer on philosophical, religious and political subjects.

George M. Colvocoresses, '31, was the author of works on travel, and Alonzo A. Miner, '33, the writer of many religious works. Benjamin F. Marsh, '35, was the writer of several mathematical works. Alonzo Jackman, '36, published several pamphlets on mathematical subjects. Josiah Swett, '37, was the author of several text books, religious and literary works. Cyrus H. Fay,



Pennsylvania R. R. Station, New York City, McKim, Mead and White, Architects.

'37, was the author of several poems, and religious and historical articles. Luther J. Fletcher, '41, was a prolific writer of religious and literary works. George H. Derby, '42, under the pen name of "John Phoenix," became one of the greatest of American humorists. William W. H. Davis, '42, wrote several historical, and Nathan B. Webster, '43, several scientific works. Orlando D. Miller, '45, was a prolific writer on religious and archaeological subjects. William H. Tucker, '47, was the author of the "History of Hartford, Vt.," and several historical articles. Luther S. Dixon, '48, was the writer of several volumes of the Wisconsin Reports and of many articles on law subjects.

Henry W. Holley, '50, wrote several volumes of poems. Sullivan H. McCollester, '51, is the author of several works on travel; and is also a frequent contributor to the religious and edu-

cational press of the country. Grenville M Dodge, '51, has written many articles on engineering and military subjects Henry O. Kent, '54, was the author of many poems and many of his addresses on historical, military and political subjects have been published Granville P Conn, '54, is the author of "New Hampshire Surgeons in the Rebellion," and many historical and medical articles. Oscar H Leland, '54, is the author of a valuable work on the genealogy of the Leland family, and Egbert Phelps, '55, is the writer of several poems William R Huntington, '56, was the author of many religious works

Henry A Robbins, '60, is the author of several medical and historical articles Charles A Curtis, '61, wrote several poems, historical articles, and novels Theodore H. Kellogg, '62, is the author of several medical text books and monographs on medical and scientific subjects

Henry E Alvord, '63, was a well known writer on agriculture Lemuel A Abbott, '64, was the author of the "Abbott Genealogy," and several historical articles Dwight H Kelton, '64, published several historical works Charles N Kent, '64, was the author of the "History of the Seventeenth New Hampshire Regiment," and several historical articles George P Colvocoresses, '66, is the author of several articles on military and historical subjects, and William R Cutter, '68, is a prominent genealogical and historical writer.

George D Thomas, '76, is the author of several poems Malverd A Howe, '82, has gained prominence as a writer of engineering text books, and Nelson L Sheldon, '84, has published several articles on historical subjects

'64	Abbott, Lemuel A	'27	Frazer, John Fries	'54	Leland, Oscar H
'63	Alvord, Henry E	'50	Gray, Ormando W	'58	Lawrence, Arthur
47	Balloch, George W	'29	Habersham, RichardW	'51	McCollester, Sullivan H
'25	Binney, Charles I F.	'29	Hale, Osmer	'35	Marsh, Benjamin F
'27	Blois John T	'69	Hathaway, Clarence L	'26	Marsh Luther R
'46	Bridge, Norman D	'25	Hayes, Augustus A	'52	Merrill, Edward B
'26	Brisbane, William H	'15	Hemenway, Stillman R	'15	Miller, Orlando D
'24	Brownson Orestes A	'85	Hersey, Henry B	'33	Miner, Alonzo A
'31	Colvocoresses Geo M	'78	Hiland, Frank E	'83	Miner, George R
'66	Colvocoresses Geo P	'25	Holbrook, John	'38	Moore, John H
'54	Conn, Granville P	'25	Holbrook, John C	'23	Newton, Calvin P
'61.	Curtis, Charles A	'27	Holley, George W	'28	North, Ralph I
'25	Cushman, Henry W	'50	Holley, Henry W	'28	Phillips, Philip
'68	Cutter, William R	'82	Howe, Malverd A	'27	Porcher, Frederick A
'42	Davis, William W H	'56	Huntington, WilliamR	'23	Prentiss, John W
'42	Derby, George H	67.	Hurlbut, Myron R	'04.	Ramey, Homer E C.
'61	DePomey, William J.	'36	Jackman, Alonzo	'25	Ransom, Truman B
'48	Dixon, Luther S	'25	Johnson Edwin F	'60	Robbins, Henry A
'51	Dodge, Grenville M	'29	Johnson, Richard B	'51.	Russell, Frederick W
'15	Dow, Roswell	'27	Jones, John P	'71	Scott, Adrian
26	Drake, Charles D	'62	Kellogg, Theodore H	'26	Sedgwick, Theodore
'26	Duane, William	'64	Kelton, Dwight H	'28	Seymour, Horatio
'52	Elliot, George H	'64	Kent, Charles N	'29	Seymour, Thomas H
'98	Ellis, George H	'54	Kent, Henry O	'27	Shipp, Bernard
'37	Fay, Cyrus H	'23	Kimball, Gilman	'25	Sigourney, Henry H W
'23	Fiske, Theophilus				
'41	Flint				
'41	Fletc				

'29	Smith, Isaac T	'37	Swett, Josiah	'23	Ward, James H
'47	Standish, James V N	'76	Thomas, George D	'55	Waterman, Arba N.
'25	Stockbridge, Joseph	'27	Trowbridge, Thomas R	'43	Webster, Nathan B
'50	Stanyan, John M	'17	Tucker, William H	'26	Welles, Gideon
'65	Stoddard, Edward L	'23	Tyler, Benjamin M	'23	Williston, Ebenezer B
				'31	Wright, Horatio Gates

ORATORS

The following number of alumni attained great prominence as orators Valentine B Horton, '25, Truman B Ransom, 25, Edwin F Johnson, '25 William A Beach, '26, Gideon Welles, '26, Edward Stanley, '27, Horatio Seymour, '26, Thomas Bragg '28, Philip Phillips '28, Thomas H Seymour, 29, Jefferson P Kidder, '32, Cyrus H Fay, '37, Luther J Fletcher, '41, William L Lee, '42, Henry O Kent, '54, Edward L Stoddard, '54 and Samuel H Greene, '65

The following cadets were popular lecturers: Theophilus Fiske, '23, Orestes A Brownson, '24, William H Brisbane, '26, Luther J Fletcher, 41, Sullivan H McCollester, '51 Henry L. Slayton, '64, was for many years the popular manager of the Slayton Lyceum Lecture Bureau in Chicago

EDITORS AND PUBLISHERS

Fifty-four of the alumni and past cadets have been editors and proprietors of papers Joseph Stockbridge '23, was editor of papers in Boston and New York, Theophilus Fiske, '23, in New England and the South, Daniel H Bingham, 23, in Alabama John C Holbrook, '25, was editor of the *Congregational Herald* Gideon Welles, '26, as editor of the *Hartford Times* of Connecticut, wielded great political influence William H Brisbane '26, was editor of papers in various sections of the country William Syme, '26, as editor of the *Petersburg Intelligencer* in Virginia and the Raleigh *Register* in North Carolina, wielded great political influence in the South Thomas H. Seymour, '29, was the editor of the *Jeffersonian* of Hartford Conn John J Hyde '29, was one of the associate editors of the *New York World* Alonzo Jackman, '26, and Josiah Swett, '37, were associated in publishing the *Citizen Soldier* in Norwich, Vt Jonathan Tarbell, '39, was the editor of the *Northern Standard* of Keeseville, N Y , and the Oswego, N Y , *Times*

William W H Davis, 42, was the editor of the Santa Fe, New Mexico *Gazette*, one of the first papers printed in the Territory He was also for many years editor of the Doylestown *Democrat* Edward M Brown, '44, gained prominence as editor of the *Spirit of the Age* in Woodstock Vt , the *Vermont Patriot* in Montpelier,

Vt, and the *Delta* published at New Orleans, La in the interest of the Union Army, and the *Vermont Watchman* in Montpelier, Vt David K Noyes, 45, was editor of the Bamboo, Wis., *Republic*, the first paper established in that city Julius C Chandler, 45, was editor of several newspapers in Wisconsin Henry W Holley, '50 was editor of the Chatfield, Minn, *Republican* and Henry O. Kent, '54, the *Coos Republican* of Lancaster, N. H William S Burton, '55, was the editor of the North Adams *Transcript*. Oscar E. Leonard, '55 became prominent as the editor and publisher of the Lawrence, Kansas, *Daily Journal* William A Treadwell, '57, served for some years as military editor of the *New York Press*

Arthur Chase, '56 and Thomas J Lasier, '61, were editors of the *National Eagle*, Claremont N H, Harlan P Davidson, '67, was for some time, editor of papers in New Jersey. Charles Marseilles, '67, has gained prominence as editor of the Exeter, N. H *News Letter* and the Kingston, N Y., *Daily Freeman* and *Weekly Journal* George D Thomas, '76, was for several years assistant editor of the *Boston Herald* Harry C Dole, '77, is the editor of the *West Jersey Press*, Camden N J David T Winton, '81, was for several years editor of papers in Michigan and Connecticut John W Ramsay, 83, served as editor of the *Granite City Leader* Barre, Vt. George R Miner, '83, has gained prominence in this profession. He has served as Sunday editor of the New York *World* and *Herald*, editor of the *Cosmopolitan Magazine* He is at present manager of the London edition of the New York *Herald*. L B. Johnson, '88 as editor of the Randolph, Vt, *Herald* and Charles W Pierce as editor of the Waltham, Mass *Evening News* are gaining prominence in the profession

'74	Adams, Solon	'77	Dole, Harry C	'92	Pierce, Charles W.
'06	Barrett Carl A	'87	Egerton, Frederick T	'93	Pierce, Warren A
'24	Bingham, Daniel H	'98	Ellis G Harold	'23	Prentiss, John W
'26	Brisbane William H	'23	Fiske Theophilus	'83	Ramsay, John W
'11	Brown Edward M	'67	Gibson James	'29	Seymour, Thomas H.
'65	Brown Leonard B	'73	Hadley George W	'64	Slayton, Henry L
'26	Burdett Charles	'25	Holbrook John C	'23	Stockbridge, Joseph
'55	Burton William S	'50	Holley Henry W	'91.	Sweeney Henry C
'89	Chamberlain Ben H	'27	Huntington, Frastus	'37	Swett Josiah
'45	Chandler, Julius C	'23	Hutchinson, Henry S	'27	Syme John W
'56	Chase, Arthur	'29	Hyde, John J	'39	Tarbell, Jonathan
'91	Child, Robert A	'36	Lackman, Monzo	'76	Thomas George D
'46	Cole Daniel B	'88	Johnson, Luther B	'57	Treadwell William A
'69	Cooke, Albert W	'54	Kent, Henry O	'74	Upham, Edward D
'45	Crowninshield John L	'55	Leonard Oscar E	48	Warner, Stanley M
'69	Currier Frank P	'64	Lasier Thomas J	'26	Welles Gideon
'42	Davis, William W H	'67	Marseilles Charles	'65	Wentworth Charles E
'67	Davidson, Harlan P	'83	Miner, George R	'81.	Winton, David T,
'98.	Dinsmoor, Paul A,	'45	Noyes, David K		

LIBRARIANS

Several of the graduates followed library work as a profession Charles R Lowell, '26, was for a number of years assistant librarian of the Boston Athenaeum Library Benjamin H Rhodes, '25, served for many years as librarian of the Redwood Library, Newport, R I John H T Magruder '26, was for a number of years librarian of the State Library of Maryland. Oren Marsh, '32, was the first state librarian of Michigan Sumner A Howard, '39, served for many years as librarian of the Danvers, Mass, public library William R Cutter, '68, is one of the best known librarians in Massachusetts, serving for many years as librarian of the Woburn library He is now its librarian *emeritus*

SECRET SOCIETIES

A large number of the alumni have been prominent in the Masonic Lodge The following cadets attained the 33d degree: William B Huggins, '29, William C Belcher, '40, George W Balloch, '17, Sewall Truax, '53, Henry O Kent, '54, Sayles Nichols, '55, George O. Tyler, '57 and Howard F Hill, '67. William F Collins, '28 was Grand Master of the Grand Lodge of North Carolina, and William C Belcher, '40, and George O Tyler, '57, held the same office in California and Quebec, respectively. A large number of the cadets have been prominent in the Knights Templar, where their military training has been of great advantage, as eminent commanders.

Several of the cadets have been prominent in the Independent Order of Odd Fellows Josiah Marvin, '39, was Grand Master of the Grand Lodge of Minnesota

Several of the alumni have gained prominence in the Knights of Pythias, especially in the Uniform Ranks Thomas H. Nickerson, '84, was Grand Chancellor of the Grand Lodge of Georgia Harry W Daniell, '73, served for some time as colonel and inspector general of the Uniform Ranks of New Hampshire

CHAPTER IX.

The Military Service of the Alumni and Past Cadets of Norwich University

The Purpose of the Academy—History of Military Schools Founded by Captain Partridge and Norwich Men—Black Hawk War—Seminole War—Mexican War—Civil War—Spanish-American War—Service in the U. S. Army and Navy—Foreign Service—Roll of Honor—Service in the State Militia

As stated in previous chapters, the American Literary, Scientific and Military Academy was founded by Captain Partridge to furnish the young men of our country an institution where they could receive a thorough military training, as well as a technical education

It was not the purpose of the founder of our college to so teach the military work as to create a desire to follow the profession as a life work, but rather to encourage the cadets to become *citizen soldiers*, and be ready in case of need to fight for the country, if war was declared or insurrections occurred. To learn how well the cadets have followed out the plan of education instituted by Captain Partridge, one has only to study the long Roll of Honor appended to this chapter. Captain Partridge was the first to advocate the instruction of the young men of this country in the art of war, and to carry out his plan founded several military schools in various sections of the country, as feeders for the main Institution at Norwich.

Several of the graduates also founded schools Through the training received by the young men in these academies, the country, both North and South received great benefit during the Civil War Brief histories of the various schools so far as known are given below

The New Jersey Institution was founded in Orange, N J , in the summer of 1828, by Truman B Ransom, 25, and Elisha Dunbar, 25, and was opened for the reception of students in August, of the same year On March 14, 1830, Professor Dunbar died, and in a short time the school was discontinued. A complete military course was given

THE JEFFERSON MILITARY COLLEGE, WASHINGTON, MISSISSIPPI. In 1828, the trustees of this Institution secured Professor E. B. Williston, '23, as president and Maj. John Holbrook, '25, as superintendent of the Scientific Department. Major Holbrook soon introduced the military system as carried out in Norwich, Vermont. In April, 1832 President Williston resigned owing to ill health, and Major Holbrook was elected as his successor, holding the position until his death in August, the same year.

Prof. Truman B. Ransom, '25, who had been appointed professor of Mathematics and Tactics early in 1832, was appointed acting president to have full charge of the Institution until Captain Partridge, who had been elected as Major Holbrook's successor, could assume the office. Captain Partridge finding that he could not give all of his time to the management of the college, soon resigned and Professor Ransom continued as acting president until 1834 when he resigned the position and returned to Norwich. The college was very prosperous for several years.

THE LITERARY, SCIENTIFIC AND MILITARY ACADEMY OF FAYETTEVILLE, N. C., was opened by Col. Truman B. Ransom, '25, May 1, 1830, and conducted by him until August, 1831, when all the buildings were burned. The Academy was conducted in a manner similar to the main Institution in Norwich, Vermont, and was supervised by a "council of advice" consisting of five members. The Academy was very prosperous, having students from all parts of the South. Owing to his heavy loss in this fire, Colonel Ransom was unable to rebuild, and the Academy was suspended. The *Star* of Raleigh, N. C., under date of December 2, 1830, gives a very interesting account of a march made by Captain Ransom's cadets to Raleigh in November, 1830. Exhibition drills were given before the governor and the state legislature. A detachment of cadets from the Oxford, (N. C.) Literary, Scientific and Military Academy under command of Captain Daniel H. Bingham, '23, was also in Raleigh at the same time.

The OXFORD LITERARY, SCIENTIFIC AND MILITARY ACADEMY was founded in Oxford, N. C., in the early part of 1830, by Daniel H. Bingham, '23. Very little data has been preserved of this school. A detachment of cadets, under command of Captain Bingham, visited Raleigh November 25, 1830, the same date Captain Ranson was present with his corps. The *Star* gives a very complete account of the visit. The cadets of the two academies received the praise of the state papers for their soldierly bearing and their proficiency in drill.

THE VIRGINIA LITERARY, SCIENTIFIC AND MILITARY ACADEMY was founded in Portsmouth, Va. in 1839 by Captain Alden Partridge. The academy was soon recognized by the state and was aided by an appropriation from the literary fund. The academy was conducted by Captain Partridge until 1856, when the school was discontinued. For several years the institution was very prosperous. Many of the graduates and past cadets became prominent in civil and military life. The work of this academy was conducted almost entirely by the graduates of "N. U." We give the names of the Norwich men, so far as known, who were connected with the school. Superintendents: Johnson Shedd, '38, 1839–February, 1842, Nathan B. Webster, 43, February, 1842–June, 1843, June 1844–46, William W. H. Davis, '42 June 1843–June, 1844, Commandant. Andrew J. Dorn, '41, 1842-44, Professors: Orel A. Buck, '42, 1842-44, W. W. H. Davis, '42, 1842–44, Andrew J. Dorn, '41, 1842-44, William L. Lee, '42 1842-43, Johnson Shedd, '38, 1839-42, Nathan B. Webster, '43 1841–46, Simeon Wheeler, '40, 1841–43.

THE COLLEGIATE AND COMMERCIAL INSTITUTE was founded by General William H. Russell in New Haven, Conn. about 1840. The aim of the school was to give a thorough preparation for college and business. General Russell followed closely in the footsteps of his old instructor Captain Partridge, paying especial attention to drill and the study of tactics. This was, so far as known, the first military school founded in New England, outside of the old A. L. S. & M. Academy. The school attained a high reputation on account of the many successful competitive drills with other military organizations in the state. Between three and four thousand cadets attended the school, many attaining distinction in civil life and the army.

THE PENNSYLVANIA LITERARY SCIENTIFIC AND MILITARY ACADEMY was opened in Bristol, Pa., September 5, 1842, by Captain Partridge, and was conducted by him until April, 1845, when the school was discontinued and opened at Harrisburg, Pa., on April 14, of the same year. This Academy was conducted by the graduates and past cadets of "N. U." Henry V. Morris, 36, served as professor of Mathematics and Tactics 1843–45. Alvin E. Bovay, '41, was in charge of the Classical Department, 1843–44. Edward M. Brown, '44, was instructor of Mathematics, April, 1844–April, 1845.

THE PENNSYLVANIA MILITARY INSTITUTE was opened by Captain Partridge in Harrisburg, Pa., April 14, 1845. On Jan-

uary 31, 1845, he wrote Mr. William Ayres, of Harrisburg in regard to moving his school from Bristol to that city. A meeting was soon held in the Court House in Harrisburg which was largely attended General Adam Diller, Adjutant General of the State, promised the loan of the necessary arms and equipment On February 18, 1845, Captain Partridge visited the city and made the final arrangements, and in April, the military school in Bristol was closed and removed to Harrisburg The old "Temperance Hotel" on State and Second streets was secured for the Institute and the school was opened for the reception of students April 14, 1845

Prof Charles E Partridge, a graduate of Dartmouth College, class of 1844, and a native of Norwich, Vermont, was given charge of the Classical and English Departments, Prof Jabez C Crooker, "N U" '43, was secured as commandant and professor of Mathematics and Military Science and Tactics, Otis S Tenney, "N U," '45, as assistant professor and Edwin S Perkins, a graduate of the old "Academy," class of 1828, as instructor in Music and Fencing. In 1846, Professor Crooker resigned and Frederick W. Partridge, "N U," 45, succeeded him as commandant, and in the same year Professor Tenney resigned The school was then managed by a committee of visitation, appointed by Captain Partridge, May 27, 1845, consisting of William Ayres, chairman, Dr Luther Reily, Gen C Seiller, James McCormick, Esq, and Francis Wyeth Captain Partridge never had the active management, and only visited the Institute at stated periods to deliver his course of lectures on military subjects In September, 1846, Professor Partridge was appointed superintendent, and in the early part of 1847, owing to failing health, he was forced to resign. In March, 1847, Professor F W Partridge resigned to enlist in the state troops for the Mexican War. The visitation committee hired a Mr Long to act as principal until the end of the academic year In the fall of 1847, a strenuous effort was made to continue the school on a sounder basis. Captain Partridge secured Prof James W Phillips, a graduate of the Institution in Norwich, as principal, and the institute was opened, September 6, 1847 The attendance was small, and the last public notice of the school was on the occasion of the firing of the National salute, February 22, 1848

A regular collegiate course was given, especial attention being given to Mathematics and Military Science. The uniform consisted of a hussar jacket of dark blue cloth with standing collar, a single row silver bullet buttons in front, single buttons at the cuffs and side of collar In the winter the corps wore dark blue

cloth pantaloons and in the summer white The cap was blue, encircled with a broad gold band

Several extended marches were made A literary society, called the Philomathian was conducted by the cadets, each member wearing the Greek letter Φ in brass on the cap This society conducted a paper The entire attendance cannot be given accurately, but from the imperfect rolls, the names of 102 cadets have been preserved Of this number six died before the Civil War and 52 or 54 percent of the students entered the service Fourteen held rank from first lieutenant to colonel in the regular army, one became medical director of the U S Navy, and five served as surgeons in the U. S. Army One (Holman, later a cadet at Norwich) served as chaplain of the 48th Pennsylvania regiment One was a surgeon in the Russian Army during the Crimean War, and received the Imperial Decoration for his services Several of the cadets became prominent in civil life The record made by this Institute adds further renown to the remarkable work of Captain Partridge and his "Norwich Cadets."

The Arrow Rock Military Academy, Missouri, was conducted in Arrow Rock, Saline County, Missouri, for a few years in the early forties, by Asa C. Marvin, '39 Unfortunately very little data has been preserved in regard to this school

The St Louis (Missouri) Military Academy was founded early in 1844 by Andrew J Dorn, '41, and was the first military school located west of the Allegheny Mountains Professor Dorn was soon joined by his classmate, James V A Shields, in the management of the academy In 1845, Captain Partridge visited the academy and delivered his lectures before the cadets. On June 18, 1846, Professor Dorn was commissioned 1st lieutenant in Wightman's Artillery of Missouri Volunteers for the Mexican War; and the management of the academy was given to Professor Shields Owing to the unsettled conditions of the times, the academy became reduced in number and in the fall of 1846, Professor Shields gave up the school For a time the school was very prosperous and it is stated that a number of the cadets served in the Mexican and Civil Wars

The North Carolina Literary, Scientific and Military Academy was founded in Raleigh, N. C, in 1844 Very little data has been preserved in regard to this academy The *Raleigh Register* and *North Carolina Gazette* of January 24, 1845, gives a very complete prospectus of the school Robert Gray and Oel A Buck '42 were principals during 1844–46 Robert Gray

was professor of English and the Classical languages, O A Buck professor of Mathematics and Tactics, and S N Botsford, professor of Experimental Chemistry and Philosophy. The arms and equipment were furnished by the state In 1846 Professor Buck resigned, and Simon M Preston, 45 succeeded him as professor of Mathematics and Tactics After a service of one year Professor Preston resigned The attendance at this academy was small, and in 1847 it was closed

The Raleigh Classical, Mathematical and Military Academy was founded in Raleigh, N C about 1844 The classical department was in charge of Professor Jefferson M Lovejoy a former cadet of the old "Academy" and a native of Sharon, Vt Prof. W. F Disbrow had charge of the Mathematical and Military work until 1847 when Simon M Preston, '45, succeeded to the position. Professor Preston resigned, in 1849, to accept a professorship at "N U" During 1844 49 the school was very prosperous, the average attendance being about 100 cadets each year The academy was suspended about 1860 Several of the cadets gained prominence in the Civil War

The Wilmington Literary Scientific and Military Academy In January, 1846, on the solicitation of several of the prominent citizens of Wilmington, Del, Captain Partridge opened this academy in that city Maj O S Tenney, '45, was appointed principal and served until June, 1846, when he resigned The management was then given to Captain Jabez Crooker, '43 and George W F Emerson '43 Captain Crooker resigned in September, 1847 and returned to Vermont This school was discontinued in the spring of 1848

Mt Sterling Literary, Scientific and Military Academy was opened in Old Fort Mason, Mt Sterling, Ky., in September, 1847 by Maj O S Tenny '45 He conducted the school until 1849 The attendance was about 75 A number of the cadets served in the Civil War

The Scientific and Military Collegiate Institute was opened by Captain Alden Partridge in Reading Penn. on April 1, 1850 The school was located on North Fourth Street, and was under the mangement of Prof Erasmus G Rehrer, '19 and J B Batchelder, '49 A very complete course in Civil Engineering and Military Science was given. The school was very prosperous for a few years. It was discontinued about 1850 A number of the cadets served in the Civil War

In 1850, Captain Partridge opened the Gymnasium and

Military Institute at Pembroke, N H , and William W Benjamin, '49, was appointed superintendent, serving until 1853, when the school was closed

THE VIRGINIA COLLEGIATE INSTITUTE was opened in Portsmouth, Va , by Prof. N. B Webster, '43, in 1850, as a successor to the Virginia Literary, Scientific and Military Academy, closed in 1849 This institution was conducted by Professor Webster, with marked success until 1862, when owing to the Civil War, he was forced to close the school A large number of the cadets served in the Civil War

THE NATIONAL SCIENTIFIC AND MILITARY ACADEMY was opened by Captain Partridge in Brandywine Springs, Del , on May 16, 1853 William W Benjamin, '49, served as assistant superintendent and professor of Mathematics and Military Tactics, Daniel McFarland '51 as professor of Logic, Belles-Lettres and Elocution and Willis R Peake, '53, as acting adjutant Complete courses in Civil Engineering, Military and the Classics were given In December, 1853, the buildings were burned The Bristol College buildings, near Bristol, Del , were secured and the institution was opened there, May 16, 1854 and renamed Bristol College Owing to the death of Captain Partridge, in January, 1854, the institution was soon discontinued The attendance during 1853–54 was about 100 Several of the cadets became prominent in the Civil War, notably General Powell Clayton

MT PLEASANT MILITARY ACADEMY, SING SING, N Y William W Benjamin served as assistant superintendent of this academy during 1854-62 and as principal from 1862 until his death in 1882. Through his efficient management this school was very prosperous and became widely known

THE HIGHLAND MILITARY ACADEMY, WORCESTER, MASS Capt George W Hobbs, '58, rendered valuable assistance to Prof Caleb Metcalf in founding this well known school in 1857, holding the position of military instructor until 1859

THE NORTHWESTERN MILITARY ACADEMY was founded by Col Harlan P Davidson, '67, at Highland Park, Ill in September, 1888 This academy has become, through the efficient management of Colonel Davidson, one of the best known military schools in the United States.

The success of the military academies founded by Captain Partridge and the Alumni of "N U," led other educators to found si

ridge the U S government owes, in a large measure, the efficient work of many officers in the various wars of the country We give below the roster of the cadets so far as known who have engaged in teaching in the various military schools

TEACHERS, MILITARY SCHOOLS.

'63, Alvord, Henry E
'09, Andrews, Roy L
'49, Averill, Clinton S
'08, Barber, Charles N
'49, Batchelder, J B
'09, Bayley, Luther P
'49, Benjamin William W
'24, Bingham, Daniel H
'11, Bovay, Alvin E
'42, Buck, Oel A
'37, Burton, Henry S
'06, Carleton, Charles S
'02, Chase, Henry A
'65, Child, Oscar B
'85, Chandler, Myron L
'57, Clark, Warren
'66, Colvocoresses George P
'43, Crooker, Jabez C
'61, Curtis, Charles A
'05, Davis, Fred C
'67, Davidson Harlan P
'05, Deal, Harry R
'55, Dewey, John W.
'69, Dole, Charles
'70, Dole, Walter
'41, Dorn Andrew J
'25, Dunbar Elisha
'08, Edwards, Irving B
'03, Flint, Kemp R B
'18, Floyd, Henry
'69, Hathaway Clarence L
'58, Hobbs, George W
'05, Hoefler, Philo R
'29, Horton, Horace S
'25, Horton, Valentine B
'05, Howard, John J
'61, Howard, Noel B
'36, Jackman, Alonzo
'25, Jennison, Ozro P
'25, Johnson, Edwin F
'79, Johnson, John B
'88, Johnson, Luther B
'51, McFarland, Daniel
'10, McGarry, Thomas J
'07, Mears, John H
'05, Moore, Edward
'99, Mosely, John P
'59, Parker, Edgar
'15, Partridge, Frederick W
28, Perkins, Edwin
'45, Phillips, James W
'46, Pierce, Lucius D
'15, Preston, Simon M
'25, Ransom, Truman B
'49, Rehrer, Erasmus G
'27, Russell, William H
'01, Shaw Ethan A
'88, Shaw William A
'41, Shields James V A
'61, Slayton, Henry L
'78, Spooner, Charles H
03, Stocker, Marshall M
'45, Tenny, Otis S
06, Tinker, Frank N
'25, Ward, James H
'43, Webster, Nathan B
'10, Wheeler, Simeon
'23, Williston, Ebenezer B
'98, Winslow, Arthur E
'25, Woodworth, Hiram P

The graduates and past cadets have served in all the wars of our country from the Black Hawk to date, many holding important commands

Two of the alumni served in the war of 1812 Josiah Tattnall, '23, as a midshipman in the U S Navy, participated in the engagement with the British fleet, near Croney's Island, Va. June 22, 1813 and later served as a volunteer in the battle of Blandensburg, Md Hiram Paulding, '23, served as a midshipman, U. S N, in the battle of Plattsburg, September 11, 1814, and though but a mere youth, was given a lieutenant's command

During the Black Hawk War Coggswell K Green, '26,

George W Jones, '26, and Charles Tullar, '23, served as colonels in the Michigan territory troops and Oren Marsh, '25, as captain Carleton H Perry, '23, was an officer in the Illinois volunteers and Minet R Deming, '26, is also said to have served as an officer in the volunteers from that state Samuel C Ridgely, '25, James V Bomford, '28 and William S. Harney, '29, officers in the U S Army, also served in this war

Seventeen of the cadets served in the Seminole and Creek Wars The roster so far as known is given below No doubt a number of the cadets from the South, whose records we have been unable to obtain, served in these wars

SEMINOLE WAR

'26, Alexander, Henry D W , Capt
'28, Bomford, James V , Lieut
'25, Cady, Albemarle, Capt
'33, Clark, Henry E W , Capt
'26, Green, Coggswell, K , Col
'29, Harney, William S Lieut Col
'25, Holmes, Arthur S, Maj
'26, Howard, Augustus, Capt
'32, Hull William, 1st Lieut
'29, Johnston, Daniel P , Capt
'29, Lee, Roswell W , 1st Lieut
'32, May, Charles A , 1st Lieut
'25, Ridgely, Samuel C , 1st Lieut
'25, Screven, Richard B , 1st Lieut
'29, Simmons, Seneca G , Capt
'29, Tucker, Stephen S , Capt
'28, Webb, Henry, Lieut Col
'28, Wessels, Henry W , 1st Lieut

MEXICAN WAR

A number of the cadets entered the United States service in the Mexican War, the most distinguished of whom was Col Truman B Ransom, '25, president of the University, who met his death while gallantly leading the 9th U S Infantry, the gallant Old New England, in its charge on the fortress of Chapultepec No truer patriot, soldier and scholar ever went forth from the walls of any institution of learning

We will quote a stanza from the popular "N U" song, "The Old South Barracks," written by our poet, Kent, which will awaken in the breast of every loyal son of Norwich University a responsive thrill

"To our hero chieftain Ransom
One glass before we go,
His blood bestains the rocky height
In distant Mexico
His country's flag waved o er him
When the volley smote him low,
And we'll drop for him the silent tear
In the old South Barracks oh!"

Colonel Ransom was succeeded in command by Major Thomas H Seymour, '28, afterwards lieutenant colonel of the Twelfth United States Infantry and was the first to enter the fortress at the head of the gallant old "Ninth."

Capt. Edward A Kimball, '44, served as captain in this regiment, Thomas J Whipple, '37, as adjutant, Justin E Stevens, '41, as surgeon Jesse A Gove, '49, as 1st lieutenant, William A Newman, '45 as 2d lieutenant, Henry O Brigham, '44, as drum major John M Barnard, '45, gained distinction in the war as a major in the Texas troops W W H Davis, '42, entered the service as adjutant of the 1st Massachusetts Infantry, and rose to the rank of captain Carleton H Perry, '23, was commissioned colonel and David K Noyes, '45, raised a company for the war, but did not serve, owing to the close of the war Several of the cadets serving in this war, rose to a high rank in the Civil War

About fifty of the cadets served in this war We give below the roster of the men, so far as known

'45, Barnard, John M, Major
'28, Bomford James V, Capt
'44, Brigham, Henry O, Drum Major
'41, Buck, Benjamin, 1st Lieut and Adjt
'37, Burton, Henry S, Lieut Col
25, Cady, Albemarle, Capt
23, Carpenter, Edward W, Capt U S N
'33, Clark Henry L W, Capt
'42, Crowninshield, Charles B Capt
'42, Davis, William W H, Capt
'41, Dorn, Andrew J 1st Lieut
49, Gove, Jesse A, 1st Lieut
'27, Graham, John H, Capt
'29, Hagner, Porter V, Capt
'43, Hancock, Henry, Capt
'29 Harney, William S, Col
'28, Hartstene, Henry J, Capt
'44, Kimball, Edward A Capt
'42, Longnecker, Henry C, 1st Lieut and Adjt
'32, McNabb, John, 2d Lieut
32, May, Charles A Capt & Brvt Col
'25, Marsh, Oren, Capt
'27, Miles, Smith M, Surgeon
'43, Milroy, Robert H Capt
'40, Myrick, Cyrus G, Private
'45, Newman, William A, 2d Lieut
'45 Partridge, Frederick W, 1st Lieut
'23 Paulding, Hiram Capt, U S N
'21, Pitkin, Samuel L, Officer
'43, Post Frederick S, 1st Sergt
'24 Prentiss, George A, Capt U S N
'25, Ransom, Truman B, Col
'26, Ridgely, Samuel C, Capt
25, Screven Richard B, Capt
'29, Seymour, Thomas H, Lieut Col
'44, Seymour, Truman Major
'41, Shields, James V A, Sergt Major
'29, Simmons, Seneca G, Capt
'41, Stevens, Justin E, Surgeon
'26 Taylor, George W, Capt
'23, Tattnall, Josiah, Capt, U S N
'25, Temple, Robert E, Col
'33, Tipton, Spear S, Capt
'30, Tucker, Stephen S, Capt
'48, Tyler, John L W, 1st Lieut
'48, Warner, Stanley M, Private
'37, Whipple, Thomas J, 1st Lieut and Adjt
'41, Williams, Seth, 1st Lieut

CIVIL WAR

On the breaking out of the Civil War the graduates and past cadets were among the first to offer their services to the government In every state in the Union they were active in drilling and instructing the troops for the war

Alonzo Jackman, '36, brigadier general in the Vermont militia, was one of the first in this state to offer his services He was implored by Governor Fairbanks to remain at "N U," and assist in drilling and organizing the state troops He reluctantly consented at a great sacrifice of personal ambition, as he could have received a colonel's commission He was given charge of drilling the state troops. The First Regiment was selected and drilled by him, assisted by his cadets From 1861 to 1863 a large number of the cadets were appointed state drill masters by the governor, with the rank of 1st lieutenant, and the efficient service of the Vermont regiment was due largely to instruction given by the Norwich cadets

A number of the alumni and past cadets, who were unable to enlist in the service, owing to age and disability, performed valuable work as drill masters Unfortunately, complete records of the men have not been received, but so far as known about fifty of the cadets became prominent as drill masters Elsewhere in this chapter is given a partial roster of the cadets serving in this capacity

The cadets were in especial demand as drill masters in New Hampshire The Dartmouth students were formed into military companies and the "N U.," cadets were secured to drill and instruct them To the training received from Norwich men is due a great deal of the fine record made by the Dartmouth men in the service, as by this instruction, many of the students were enabled to obtain commissions in the various regiments

In Connecticut, Gen W H Russell, '28, rendered valuable aid to the state as major general in command of the state militia Gen E W N Starr, '28, unable to accept the commission as colonel of the 4th Regiment, owing to impaired health, rendered valuable aid in drilling and instructing the troops

In Wisconsin, old cadets were especially prominent in the state service George E Bryant, '55, then captain of Co E, 1st Regiment of the state militia, was the first officer to volunteer for service, and his company was the first organization to offer

Battle of Gettysburg, showing General Stannard's Famous Vermont Brigade in action. Copyrighted.
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its services to the U. S. government. Judge Luther S. Dixon, '48, chief justice of the supreme court, offered his services to the governor, but was requested to remain at his post, as his services were more needed on the bench, than in the field. He, however, made use of the training received at Norwich, by drilling and instructing the state troops. Stillman E. Dana, '49, also rendered valuable assistance in drilling the state volunteers.

In Iowa, General Dodge, then captain in the state militia, was the first to offer the governor of the state the services of a company for the war. Edward Hatch, '50, as state drill master, rendered valuable assistance in preparing the volunteers for the war.

Battle of Gettysburg.

In Indiana, the following alumni rendered valuable assistance in drilling and recruiting volunteers: R. H. Milroy, '43; Newell Gleason, '49; George P. Buel, '56; and John M. Milroy, '45.

Illinois is largely indebted to the graduates of Norwich for the excellent record made by her troops. The following cadets rendered great service in drilling and recruiting the volunteers: Warren Shedd, '39; Joseph C. Wright, '42; Frederick W. Partridge, '45; Simon M. Preston, '45; T. E. G. Ransom, '51; William H. Greenwood, '52 and Arba N. Waterman, '56.

In Missouri, Cyrus B. Burnham, '39, and Bernard G. Farrar, '45, rendered efficient service in organizing and equiping the state

Massachusetts is especially indebted to the graduates and past cadets of "N U" for the fine record made by her troops, as a large number of our men served as drill masters and officers in the volunteers from that state

Fifty-two of the graduates and past cadets gave their lives in the service of the country Nearly every battle field during the Civil War was moistened by the blood of our alumni James H Ward, '23, captain U S N, was the first naval officer and the first "N U" cadet to die in the service of the country Robert E Hitchcock, '59, was the first Vermonter to sacrifice his life in the support of the Union He was killed at the first battle of Bull Run, while commanding a company of Marines

A roster of the alumni who sacrificed their lives in the various wars is given below:

Killed In Battle

'61, Abbott, Edward S
'26, Babbitt, Jacob
'51, Baxter, William R
'64, Chaffin, William H
'59, Cowdin, Robert J
'61 Eayre, Thomas W
'56, Farrar, Frederick H
'49, Gove, Jesse A
'64, Granger, Edward M
'54, Griswold, Charles E
'62, Henderson, Thomas A
'59, Hitchcock, Robert E
'63, Parmenter, Daniel W
'67, Porter, James E
'25, Ransom, Truman B
'64, Sabine, John
'56, Schall, Edwin
'51, Thomas, Evan W
'49, Ward, Frederick T
'23, Ward, James H

Died of Wounds Received in Battle

'45, Denison, Charles E
'52 Emery, Harvey W
'49, Gould, Jacob P
'49 Granger, Lyman C
'41, Lander, Frederick W.
'39, Marsh, Samuel
'51, Mead, John B T
'29, Simmons, Seneca G
'58, Stimson, Francis E
'26, Taylor, George W
'30, Tucker, Stephen S
'42, Wright, Joseph C

Died of Diseases Contracted in the Service

'64, Burchard, Sands
'64, Coombs, Arthur W
'01, Danforth, Elon T
'66, Head, Henry H
'62, Jones, Edward T
'64, Lee, Douglass
'46, Pennock, Joseph N
'51, Ransom, Thomas E G
'65, Rice, Thomas G
'63, Sabine, Albert
'55, Seymour Epaphroditus H
'17, Slafter, Judson
'97, Spafford William C
'34, Tipton, Speare S
'99, Tupper, John L
'26, Van Rensselaer, Henry

Died at Sea.

'29, Craven, Tunis A M
'23 Downs Albert E
'22, Mackey, Daniel H
'53, Rice, George M

Service in the Confederate Army.

Forty of the alumni served in the Confederate Army. Complete records of the men from the South have not been obtained, and, in all probability, a much larger number of the alumni entered the Confederate service. Tribute should be paid the heroic service of these cadets in battle. They fought as bravely to support their cause, as their classmates of the North fought for the support of the Union.

In many instances classmates and "N. U." acquaintances met on the field of battle. Otis M. Marsh, '42, a major in the Texas cavalry C. S. A., captured the *Harriet Lane*, and among the prisoners was Julius R. Richardson, '61, paymaster U. S. N. Capt. Henry J. Hartstene, C. S. N., '28, captured John W. Dicks, '23, while commanding the *Isaac Smith*. Gen. T. E. G. Ransom, '51, captured a large number of prisoners at the battle of Fort Donelson; among the number was his old "N. U." associate, Col. Stanley M. Warner, '48.

Cadet Camp, 1909.

THE COLLEGE CAVALIERS

Of all the various military organizations that served in the Civil War, the "College Cavaliers" stand unique

So far as known this was the only company composed of college men that entered the service The honor of forming the company belongs to Sanford S Burt, of the class of 1863, Dartmouth College.

In May 1862, Burt proposed the organization of a cavalry troop composed of Dartmouth men For a time the war spirit ran high at Dartmouth One hundred of the students offered their services and it seemed for a time that the whole student body would offer their services.

The parents of the men became alarmed lest the students carry out their rash (?) idea and enlist before they could forbid it President Lord and the faculty at Dartmouth counseled against it, arguing it "would be more beneficial for the students to keep to their books than to go the war" The pleading letters of the parents, and the counsel of President Lord, greatly dampened the ardor of the men.

Burt's patriotic scheme seemed doomed He then turned for assistance to the rival college across the river, where the men were trained for their country's service and where the President and faculty were only too glad to aid the cadets in their efforts to go to the war A compromise was agreed upon as to the selection of the officers. Dartmouth was given the captaincy, Norwich the first lieutenant, second lieutenant, and first sergeant

In the Dartmouth College and New Hampshire publications, this organization is called the Dartmouth Cavalry" The *Reveille* of March 1863, designates the organization as the "Norwich Cavalry" This last name seems the proper one as the chief officers were "N U' men and the captain as well as the company was drilled by the "N U" officers Mr Samuel B Pettingill, a graduate of Amherst College, class of 1863, published in 1883, the history of the company under the title of the 'College Cavaliers,'' and this title seems more appropriate as it includes *all* the colleges

As the recruiting progressed it was found necessary to obtain more men and several colleges were written to for recruits. Bowdoin responded with four men, Union with four, Amherst one,

and Williams one More men had to be recruited to fill the company William S Dewey, '63, of Quechee, George A Bailey, '63, and Mr John S Eaton of Woodstock, joined the company and recruited ten men from Woodstock, two men were enrolled from other Vermont towns, one from Massachusetts, and four from New Hampshire, making the total enrollment eighty-five men

The company officers were elected as follows:

Captain, Sanford S Burr, Dartmouth, '63
1st Lieutenant Theodore H Kellogg, "N U," '62
2d Lieutenant Charles F Tillinghast, "N U," '64
2d Lieutenant, William H Stevens, Woodstock, Vt
1st Sergeant, Henry E Alvord, "N U," '63
Sergeant Calvin S Brown, Dartmouth '63
Sergeant, Charles E Bush, "N U," '63
Sergeant, Henry F Anderson, Dartmouth, '63
Sergeant, Frank W Graves, Concord, N H
Sergeant, Joseph N Whitney, Bowdoin, '63
Sergeant Alonzo Jenkins Dartmouth, '63
Corporal, George A Bailey "N U, '63
Corporal, Charles Caldwell, Dartmouth, '63
Corporal John S Cameron, Dartmouth, '63
Corporal Nathaniel Clement, Dartmouth, '63
Corporal, John S Eaton, Woodstock, Vt
Corporal, Isaac W Heysinger, Dartmouth, '64.
Corporal, Douglass Lee, "N U," '63
Musician, Albion T Clarke Strafford, Vt
Musician, John H Marsh Woodstock, Vt
Sadler, Henry Williamson Woodstock, Vt

As soon as the company was recruited, its services were offered to the governors of New Hampshire, Maine and Massachusetts, but with no success Then services were finally accepted by Governor Sprague, of Rhode Island On June 18, 1863, the company left for White River Junction, escorted by a large number of students from Dartmouth and "N U" They reached Providence, R I, June 19, and were received by Col A. C Eddy of the Governor's Staff They were then escorted to the "Dexter Training Ground" where they took the oath of enlistment and received their uniforms

They were kindly received by the citizens of Providence On Thursday June 24, they were given a reception and banquet by Ex-Governor Hoppin and Colonel Gardiner, and their patriotic zeal in leaving their studies to defend the honor of their country was greatly extolled

Flank Attack of General Stannard's Brigade. Gettysburg, July 3, 1863.

On June 26, an entertainment was given them at the rooms of L. H. Humphrey & Co. Ex-Governor William W. Hoppin presided and gave them an address of welcome, which was responded to by Captain Burt. Patriotic speeches were delivered by Governor Sprague, Rev. Barnabas Sears, D. D., president of Brown University and others.

On June 24, they were mustered into the United States service and flipped a cent with a Rhode Island troop, rendezvoused there, to determine which should be the "A" troop. The Rhode Island troop won, and our 'College Cavaliers' became troop B, 7th Squadron, Rhode Island Cavalry.

In the organization of the squadron, Augustus W. Corliss was commissioned major, Charles F. Tillinghast, "N. U.," '64, 2d lieutenant and adjutant; Zebe Gilman, Dartmouth, '63, quartermaster sergeant, Samuel B. Pettengill, Amherst, '63, and Arthur W. White, "N. U.," '65, veterinary sergeants, George F. Gill, Dartmouth, '64, hospital steward.

The squadron left by boat for New York City, June 28, and from there went to Philadelphia by boat, June 29. They were given a cordial reception in Philadelphia, Pa., by the "Soldiers' Welcome Association." They left for Washington by train, June 29, arriving there June 30, and encamped in "Camp Clark" at Gate's Wood, about one mile from the Capitol.

On July 25, the squadron was transferred from General Wadsworth's command to that of General Stuiges, and was moved to Alexandria, Va. It camped for a time at "Camp Eddy," near Fantax Seminary, and then marched to Winchester, Va., and went into camp, at "Camp Segel," near that town, where they remained until September 2, 1862. The command was constantly engaged in picket duty and scouting.

On September 2, the command was sent on a scouting expedition to Newton and Middletown, taking several prisoners. On their return at 11 o'clock the same night, they found the town a-blaze, and were ordered to retreat to Harper's Ferry. Marching all night and the next day, they reached their destination at 9 P. M. On September 5, they crossed the Potomac with the 32d Ohio Volunteers (Major Hewitt's regiment), (q. v.) and encamped in the woods at Maryland Heights, opposite the river and with the 12th Illinois, 8th New York and four companies of Maryland Cavalry, under the command of Colonel Ford, did picket service at the river.

This was an important post of over 11,000 men under com-

mand of Colonel Miles. It soon became evident that the Union forces would have to retreat from this position as the Confederates were surrounding the place with superior forces. A conference of the officers was held and it was decided to escape if possible. On September 14, the cavalry force managed to elude General Longstreet's army, and on the 15th reached Greencastle, Pa., without the loss of a single man or horse.

The cavalry under the command of Colonel Vose, reported to General McClellan, and the squadron was ordered to Jones'-Cross Road, near Hagerstown. Although their term of enlistment had expired, they remained with Colonel Vose until the battle of Antietam was ended, then returned home reaching Providence, September 26. October 2, they were mustered out, and the men dispersed to their respective colleges. The N. H. History states that the faculty of Dartmouth were at first determined to force the men to pass examinations on the studies they had lost during the campaign, but learning that Brown University would admit them without examination, the matter was given up.

The faculty of "N. U." was very liberal with the men who left to enter the service and degrees were promised the cadets if they enlisted.

Arthur W. Coombs '64, died August 15, 1862, of dysentery at the hospital in Winchester, Va., being the only man lost in the command. Two were captured by the Confederates, but were released in time to go home with the others.

Their services were highly commendable and they received the praise of the various officers under whom they served, for their efficient work.

We give below the roster of the "N. U." men serving in troop B.

'63 Alvord, Henry E., 1st Sergeant.
'63 Bailey, George A., Corporal.
'65 Bayard, Alfred F., Private.
'63 Bush, Charles E., Sergeant, Later appointed Sergeant Major.
'64 Coombs, Arthur W., Private.
'63 Dewey, William S., Private.
'64 Goodwin, William S., Private.
'65 Gragg, Charles W., Private.
'63 Hastings, Addison T., Private.
'64 Hazelton, Walter S., Private.
'62 Kellogg, Theodore H., 1st Lieutenant.
'59 King, Wallace A., Private.
'64 Lee, Douglass, Corporal.
'64 Morey, Arthur P., Private.

'64. Noyes, Edward H., Private.
'65. Papanti, Augustus L., Private.
'63. Parker, James V., Private.
'64. Phillips, Henry M., Private.
'67. Smith, Charles W., Private.
'64. Tillinghast, Charles F., Corporal, Later 2d Lieutenant and Adjutant.
'61. Walcott, Ellis P., Private.
'61. Walcott, Franklin H., Private.
'67. White, Arthur W., Private, Later appointed Veterinary Sergeant.

The Sloop of War, "Portsmouth," commanded by E. McC. Peters, '80, Commander N. J. Naval Reserves.

THE ST. ALBANS RAID.

The corps of cadets under General Jackman, rendered important service to the state during the excitement, incident to the St Albans raid, October 19, 1864.

The seat of conflict of the Civil War being so far away, the people of the State of Vermont never dreamed of a possibility of an invasion and were consequently thoroughly frightened and aroused by the bold and successful looting of St Albans, on October 19, 1864, by a band of Confederate soldiers, who came secretly to the town from Canada, and "held up" the banks and escaped to Canada with $208,000.

There was no organized militia in the state and the only source of organized defense was the corps of cadets of Norwich University Rumors spread throughout the state that a large number of Confederates were collecting along the Canadian line and were about to invade the state

The following item in the *Newport Vt., News* on October 27, 1864, well shows the alarm felt by the citizens of the state in general

"On Thursday morning last, the good people of this village and vicinity were startled by a summons emanating from the adjutant general of the state, calling upon the arms-bearing citizens to report immediately for duty, that the state had been invaded by land pirates from the neighboring provinces, that the village of St Albans had been sacked, citizens murdered in cold blood, banks robbed of an immense amount of treasure, and all the crimes of the highwayman, the robber, and the incendiary committed within the borders of our gallant state, and within a Sabbath-day's journey of our quiet and flourishing village"

The above account of the raid is not correct in so far as the murdering of innocent people is concerned or the "holding up" of the citizens of that town The raid showed great possibilities and caused a general arming of the able bodied men of the state The announcement of this incident caused no little excitement and expectation in the corps of cadets. Prof Charles N. Kent, '64, then tutor in Mathematics and Military Tactics at the University thus writes of the incident:

"A telegram was received one evening at the barracks just after the raid, announcing a contemplated invasion of a similar character at Newport, Vt., on Lake Memphremagog Acting under instructions from General Alonzo Jackman, officer in command, I immediately ordered the drum beat as for roll call and when the ranks were aligned, read the telegram, requesting all

Battle of Atlanta. The 16th Army Corps engaged in Battle, under command of Maj Gen. G. M. Dodge, '51.

those of the cadets who would volunteer to go to Newport, if called, by the governor, to step one pace to the front There was a complete forward movement in response Every cadet thus expressed his wish to volunteer. I then telegraphed the governor of Vermont that the cadets of Norwich University offered their services in a body to go to any part of the state under orders from him A reply came asking what arms we had Our answer went back 'Springfield muskets and two six-pounder field pieces' Then came the order to 'leave for Newport on the first train with artillery' This was unexpected but at sunrise next morning, men were sent off to purchase powder, wherever possible, others were employed in making cartridge bags, and still others in collecting and breaking all the dumb bells, as the most efficient substitute for cannon balls, that could be obtained

While engaged in this occupation came another order countermanding the first one and directing us to proceed at once, as infantry to the destination already indicated We had less than an hour to prepare for departure before the only available train would be due, yet there was ample time within half an hour from giving the order, the ranks were again formed every man in his place in full uniform with his Springfield musket, bayonet fixed, in good order for service and cartridge box well supplied with ammunition The double quick step in less than ten minutes brought us to the depot and we there awaited the arrival of the train When it came, the conductor objected to our taking passage, but a few forcible arguments caused his surrender, in a marvellously short time and we arrived in Newport without incident"

Rev Howard P Hill, 67 then a cadet gives the following account of the trip to Newport

"The armory was in a state of stir new to that storehouse of warlike material Several somebodies were getting some things ready, and the look squinted very positively in the direction of hostilities actually to be opened In the rooms, there was also a general looking-up of supplies, demanded for a forward movement somewhere Chief among these were tobacco, socks, and under-garments This was about 10 A M When the up-train came at 2, the entire force of cadets fully armed and equipped, with at least one field-piece, were at the station and starting for the northern border.

"It was a piece of yellow paper in telegram form which did it General Jackman had tendered the services of the cadets to Governor Smith This was the only organization which there was *to be* tendered ready for instant service The militia of the state had been disintegrated by the summons of the nation and had left the venerable brigadier at home to teach his loved mathematics The ranks of the cadets had been depleted for this reason and the demand for drill masters, so the company which had a general in charge was not a great one, but every cadet was in the line to do his duty It was too much for the patience of the rankest anti-war politician, when the stirring scenes were translated to a spot so near to him, and each of these was wholly ready and collar-hot to meet the invader in armed conflict The expectation was of an absence into winter We were ready to be headed for Quebec, if need be"

In a more detailed form, the roster of the force was as follows

Brigadier-General, Alonzo Jackman of the state militia, with Lieut C

Stuntevant as aide-de-camp, and Lieut Frank A Page '58, as assistant quartermaster, Captain, Charles N Kent, '64, lieutenants, John C Boyd, '65 and Frank T Bottomly, '65, sergeants, William Fiske, '67, William W Thorp, Jr, '66 George B Blodgette, '67, corporals, Charles H Granger, '68, John M. Glidden '65 Reuel Small, '66, William H Hooper Jr '67.

PRIVATES

Fred E Batchelder, '67
Seth H Benson, '67
Charles S Bird, '67
Charles P Burr, '67
Oscar B Child, '65
Lewis S Clark, '68
Willis K Daniels, '66
John J Dewey '65
William B Eaton, Jr '66
Nathan A Gilbert, '68
Frank A Goss, '68
Francis M Gowdy, '67
Howard F Hill, '67
Walter H Hobart '68
John D Hutchinson, '68
Andrew B Johnson '68
Richard T Keene, '68
Wilton F Lefavor, '66
Henry B Leonard, '68
George L Lothrop, '68
Fred D Lyford, '67
Charles A Morgan, '67
Thomas C Noble, '68
Charles B Ormsby, '65
Lewis B Partridge, '68
Charles H Reed, '65
Charles M Reed, '67
Frank S Rouse, '68
Charles H Smart, '65
William S Smith, '67
William E C Sweet, '67
Thomas S Thorndike, '66
Clarence W Tolles, '65
John H Walbridge, '68
Wesley K Walton, '67
Arthur H Whitmore, '67
Thomas C Wood, '68

"To these were added from town sympathizers, H S ('Lal') Carter, S Corey, and S Lancaster Lieutenant Sturtevant was a cavalry lieutenant, visiting with us at the time, and Page was an ex-cadet with an empty sleeve, who served in a Vermont regiment, but then of the Veteran Reserve Corps

'On arrival we found Newport in wild excitement Lieut Col Josiah Grout later governor, commanding the provisional forces, had issued orders to picket Irasburgh, Newport, Troy, Derby Line, and Barton during nights. Suspicious characters were to be held up and examined The Newport people had organized a company most fearfully and wonderfully armed, with L H Bisbee as captain and J O Roundy and C C Canning as lieutenants There was also a cavalry squad, drawn from this company I think, under Sergt J T Allen We were met by this array at the depot There was good, untutored stuff in these bodies On alighting from the cars, we were ordered to load our Springfields with ball cartridge and marched to the wharf to receive an incoming steamer, then visible in the dusk, as the possible carrier of raiders. We formed with the Newporters as support The first few minutes were big with possibilities, but nothing happened Captain Kent was on the left with the company's youngest members As the boat came in, some one cried out 'Fire' But not a shot was heard, for we knew better then to fire from 'the ready' It was owing to good drill that no one let go in the excitement If that little company had fired, somebody, or more, would have been 'hurted' The writer had his eye on a spot fit for perforation After a conference at the wharf, deep breaths were drawn, and supper at the hotel followed

"That guard duty was well performed Captain Bisbee's men were awake and circulation around town was not free from peril Fires on the hilltops had been kindled, which made the environment keener The next morning the

Battle of Atlanta. The 4th Division of the 16th Army Corps in action, Gen. G. M. Dodge '51, in command.

cadets marched to Derby Line, eight miles, to render any aid needed and to produce a moral effort by show of force. The people were as well prepared as they were enthusiastic, and back we marched by evening. We crossed, unarmed, to the Canadian side and found the Canadians ready to help their Yankee neighbors. At 'The Line,' Hon. Portus Baxter, M. C., of the class of 1825, made a speech to us.

"While the outing thus rendered was neither bloody nor protracted, it is not pronouncing to say that the real war spirit was afire in us. All were ready for larger things, and, it is not to be doubted, would have met them creditably We at least looked for a considerable term of serious service, but back to Norwich we went on Saturday, having, perhaps, 'saved the country.' At any rate, we had done something to uphold the honor of Vermont and cheer its anxious people. It was told us that proper papers were sent to the military files at the state house, though the cadets were not then a part of the militia, and were never mustered into anything by anybody."

This service of the corps should be recognized by the state and made a part of its military history. While no actual engagement occurred yet there were grave possibilities; the willingness of the corps to serve the state and country reflects lasting honor on the men who participated in this historic incident.

The Troop of Cavalry on the March, 1910.

THE SPANISH–AMERICAN WAR

On the breaking out of this war, the alumni and past cadets were among the first to volunteer their services President Allan D Brown sent the following letter to the alumni and past cadets

NORWICH UNIVERSITY,

Northfield, Vermont April 22, 1898

DEAR SIR

In the present warlike aspect of affairs, if necessity arise, I feel confident that the "N U" men will not be found wanting but that her record will be as brilliant as heretofore It will add further renown to our University, if it can be stated officially that many of our men have tendered their services to the Governor of the state and to the U S Government, if they are needed

I already have a number of such volunteers, and it will give me much pleasure if you will authorize me to add your name to the list, thus not only honoring "N U", but also showing a proper feeling of loyalty to her as well as to the State and Federal Governments

Faithfully and sincerely yours,

ALLAN D BROWN, President

Fully eighty percent of the alumni and past cadets responded to this letter, offering their services An alumnus in Massachusetts was authorized by the governor of that state to enroll a regiment for the service in anticipation of a second call for volunteers The regiment was to be officered entirely by "N. U" men Gen G M Dodge, '51, was tendered a major general's commission and the command of the First Army corps, which was declined as he felt a younger man ought to be given the place He was, however, frequently called upon by President McKinley for advice on matters pertaining to the conduct of the war

Eleven cadets served in Co F, 1st Vermont Regiment as follows Captain, Frank L Howe, '80, 2d Lieutenant, Carl G. Dole, '91, sergeants, George F Bailey, '93, and Harry R. Dole, '96 corporals, Phil S. Howes, '96, H. C. Howes, '98, G D. Evans, 98, R G Rich, '00, privates. Homer R Chadwick, '91, Leon A Skinner, '96, and Robert J Potter, '01 The service of the other alumni and cadets in the regiments was as follows: sergeant major, Flynn G Austin, '93, hospital steward, Homer J Dane '90, 1st sergeant, Gardner Gates '96, musicians William C Spafford, 97, and John L Tupper, '99, corporals, Clarence D Wheelock, '98, and Bertrand W. [illegible] '99 Frederick

M. Barstow, '80, served as 1st lieutenant 3d Regiment U. S. Engineers.

Charles S. Carleton, '96, served as captain in the 1st Maine Regiment and Charles E. Walker, '97, as 1st lieutenant in the Volunteer Signal corps. Fred T. Austin, '88, served as 1st lieutenant and adjutant of the Fifth Massachusetts Regiment and Harry L. Keith, '97, as corporal in the same regiment. Edmund Rice, '60, rendered valuable service to the state of Massachusetts, as colonel of the 6th Regiment. George F. Waugh, '01, served as sergeant in this regiment.

U. S. S. "Montgomery," under command of Capt. George A. Converse, '63, entering the harbor at Havana, soon after the destruction of the U. S. S. Maine.

George H. Clark, '02, and James M. Wardner, '01, served as sergeants in the 1st New Hampshire regiment. Clarence B. Riggs, '01, served as private in the 8th New York Infantry and later as sergeant in the 2d U. S. Engineers. Roy D. Baker, '96, served as a corporal in the 2d New York Infantry.

Edward McC. Peters, '80, entered the service from New Jersey, as lieutenant in the U. S. Navy. John M. Schall, '55, rendered valuable service in organizing the Pennsylvania Volunteers. He served as colonel of the 6th Regiment in Cuba and was later promoted brigadier general. Henry B. Hersey, '85, served as the

ranking major in the First U. S. Volunteer Cavalry, "Rough Riders," rendering valuable service as drill master of this famous organization. Charles W. Mead, '81, entered the service as 1st lieutenant Co. D, 1st Montana Regiment. He served for some time as chief of scouts on General MacArthur's staff in the Philippine Islands and later as captain in the 36th U. S. Volunteer Infantry.

In the Regular Army service, several of the cadets were especially prominent. Edward B. Williston, '56, was promoted brigadier general and given, in 1898, command of the light artillery brigade at Camp Thomas, Ga., the largest artillery force ever assembled in America. He performed distinguished service as military governor of Havana, Cuba, and provost marshal general of Manila, P. I. Henry C. Wood, '56, served as brigadier general during this war. Edmund Rice, U. S. A., '60, was promoted lieutenant colonel and inspector general on the staff of General Miles. He later served as colonel of the 6th Massachusetts Regiment in Porto Rico, also as colonel of the 26th U. S. Volunteer Infantry. He was, for some time, military governor of the Island of Panay, P. I. Charles A. Coolidge, '63, performed gallant service in the battle of El Caney, Cuba, July, 1898, and Santiago, July 10-12, 1898. He later served with distinction in the Philippine Islands, and was in command of the 9th U. S. Infantry in China during the "Boxer" disturbances in 1900. Benjamin K. Roberts, '61, served as major of artillery during the war. Capt. Edward A. Shuttleworth, '91, served for some time as acting chief ordnance officer on the staff of General Coppinger at Tampa, Florida, and was later chief quartermaster of the corps commanded by this officer. He performed valuable service with his regiment in Porto Rico, and in campaigns against the Moros in the Philippine Islands. W. B. Carr, '97, was commissioned 2d lieutenant U. S. Artillery at the beginning of the war, and served for some time in Cuba.

The "N. U." men, who served in the Navy also performed distinguished service. George Dewey, '55, in his defeat of the Spanish fleet at the historic battle of Manila Bay on May 1, 1898, became the hero of the Navy, and his achievement has placed him among the world's greatest naval officers. George A. Converse '63, was ordered to the harbor of Havana with the U. S. S. *Montgomery* soon after the destruction of the U. S. S. *Maine*. He participated in the bombardment of San Juan, Porto Rico, and served with Admiral Sampson in the search for Admiral Cervera's fleet and in the blockade of Havana.

Norwich University men serving in Co. F., 1st Vermont Regiment, Spanish-American War.
From left to right, standing, Corpl. R. G. Rich, '00; Corpl. H. C. Howes, '98; Sergt. H. R. Dole, '96; Sergt. G. F. Bailey, '93; H. R. Chadwick, '92; Prvt. G. D. Evans, '98. From left to right, sitting. Hospital Steward, H. J. Dane, '90; Capt. F. L. Howe, '80;

Charles C. Carpenter, '50, rear-admiral, U. S. N., retired, served in command of the Portsmouth Navy Yard, during the war. President Brown, of the University, also served several months as equipment officer at the Boston Navy Yard, in 1898. George P. Colvocoresses, '66, served as executive officer of the U. S. S. *Concord*, taking part in the historic battle of Manila Bay. He later held the same position on Admiral Dewey's flagship, the *Olympia*. Holland N. Stevenson, '65, served as chief engineer U. S. N., during the war.

On the breaking out of the war, Hiram I. Bearss, '98, raised a company of volunteers in Indiana, for the service. He was later commissioned a 2d lieutenant in the Marine Corps and performed conspicuous service in the Philippine Islands. Samuel D. Conant, '72, was elected 1st lieutenant of a provisional company at Greenfield, Mass.; B. W. Farnham, '91, 2d lieutenant of a company at Lowell, Mass.; George W. Hinsdale, '94, 1st sergeant of the Rand Rifles Co., in Massachusetts, organized under the auspices of the Veterans of 1861–65. Clarence A. Tenney, '06, served as a private in the 16th U. S. Volunteer Infantry.

On the Hike, 1910.

THE BATTLE OF MANILA BAY

May 1st, 1898

By Rear-Admiral G P Colvocoresses, U S N

The fact that war existed between the United States of America and the Kingdom of Spain was communicated to Commodore George Dewey, commanding the U S. Naval forces in Asiatic waters, by telegram, as follows.

"Washington, April 24, 1898"

"Dewey, Hong Kong War has commenced between the United States and Spain Proceed at once to Philippine Islands Commence operations at once, particularly against the Spanish fleet You must capture vessels or destroy Use utmost endeavors

LONG"

At the above date the squadron of Commodore Dewey was anchored in the harbor of Hong Kong and consisted of the protected cruisers, *Olympia*, (Flagship), *Baltimore*, *Raleigh*, and *Boston;* gunboats, *Concord* and *Petrel*, dispatch boat, *McCulloch*, and supply vessels, *Nanshan* and *Zapio* None of these vessels were armored, the protection consisted simply of a light steel deck extending over the machinery, boilers and magazines The old "double-ender," *Monocacy* also belonged to this command, but was not considered fit for war service and three officers and fifty men had been detached from her and distributed among the other vessels Owing to the strained relations between the governments of the United States and Spain, war had been anticipated and the Asiatic squadron was thoroughly prepared

The English governor of Hong Kong had been apprised of the declaration of war shortly before the reception of the dispatch to Commodore Dewey, and in accordance with international comity, requested the withdrawal of the United States squadron from that port The British authorities were apparently friendly, but the decision that coal was a contraband of war added much to the gravity of the situation, and in leaving Hong Kong, the squadron had no base of supplies nearer than 7,000 miles

On the 25th of April, 1898, Commodore Dewey proceeded to Mirs Bay, on the coast of China, some thirty miles distant and informed the Navy Department that he would there await the arrival of the U S Consul Mr O F Williams, who was hourly expected from Manila. It was considered that the consul would

have late important information regarding the strength and movements of the Spanish forces in the Philippines.

From various sources it was generally understood that there was a Spanish fleet in Philippine waters commanded by Rear-Admiral Patricio Montejo y Pasaron, comprising some seven cruisers, four gunboats, three armed transports and twenty-four smaller vessels. The city and bay were protected by permanent fortifications and batteries, armed with modern guns, and supposed to contain an army of from 15,000 to 20,000 men, regulars and volunteers. The bay was reported to be extensively mined.

The U. S. S. "Olympia," Admiral Dewey's Flagship.

The uprising of the Filipinos was causing much disorder throughout the archipelago. Towns and villages had been burnt, and in some cases the inhabitants burnt with them—and the insurgents and their sympathizers given up to slaughter. The authorities at Manila had been kept fully informed of Commodore Dewey's force and movements by the Spanish consul at Hong Kong.

Immediately upon the arrival of Consul Williams, April 27th, the United States Squadron left Mirs Bay and steered for the Northwest extremity of the Island of Luzon, distant 600 miles.

The crews were in excellent spirits and animated by an ardent desire to meet the enemy, their zeal was humorously inspired by reading to them, on board each ship, the proclamation of the governor general of the Philippines that had appeared in the *Hong Kong Daily Press*

This mendacious and bombastic tirade characterized the American people as made up of all the offscourings of the earth and stated that a squadron of these ignorant and undisciplined foreigners was approaching in the vain intent to profane the temples of true religion in the Philippines, burning to gratify their lustful passions at the cost of the honor of Spanish wives and daughters, and after robbing the natives, to reduce them to slavery Spanish valor was invoked to repel the vile intruders This remarkable document was signed,—"Your General, Basilio Augustin Dávila,"—but it was afterwards learned that it was inspired by a militant prelate Archbishop Nozeleda

The weather was hot and the passage uneventful until Subig Bay, thirty-two miles from Manila was reached on April 30th The Commodore had been informed that the enemy intended to make a stand there and the *Boston* and *Concord* were sent ahead to reconnoiter No traces of the enemy were found and Commodore Dewey announced to the captains his intention of going immediately to Manila Bay, anchor there and bombard the city and arsenal at 8 o'clock the next morning

The fighting vessels were arranged in the following open order single column —*Olympia*, leading *Baltimore*, *Raleigh*, *Petrel*, *Concord* *Boston*. This formation was maintained throughout the first part of the engagement that followed The supply vessels formed a second column to starboard, 1200 yards interval, the speed was set at four knots per hour. The ships were stripped like athletes for the contest and everything ready for battle These movements were signaled to Manila by Spaniards who were in hiding at Subig

In the meantime, what had become of the Spanish fleet? As appears by the report of Admiral Montejo, he went to Subig soon after Consul Williams left Manila, but finding that the batteries which he had ordered to be constructed a month before had not been mounted with artillery a council of his captains decided that defense of that position was impracticable and he returned to Manila Bay and anchored off the arsenal at Cavite, supported by the neighboring shore batteries.

The [illegible] is

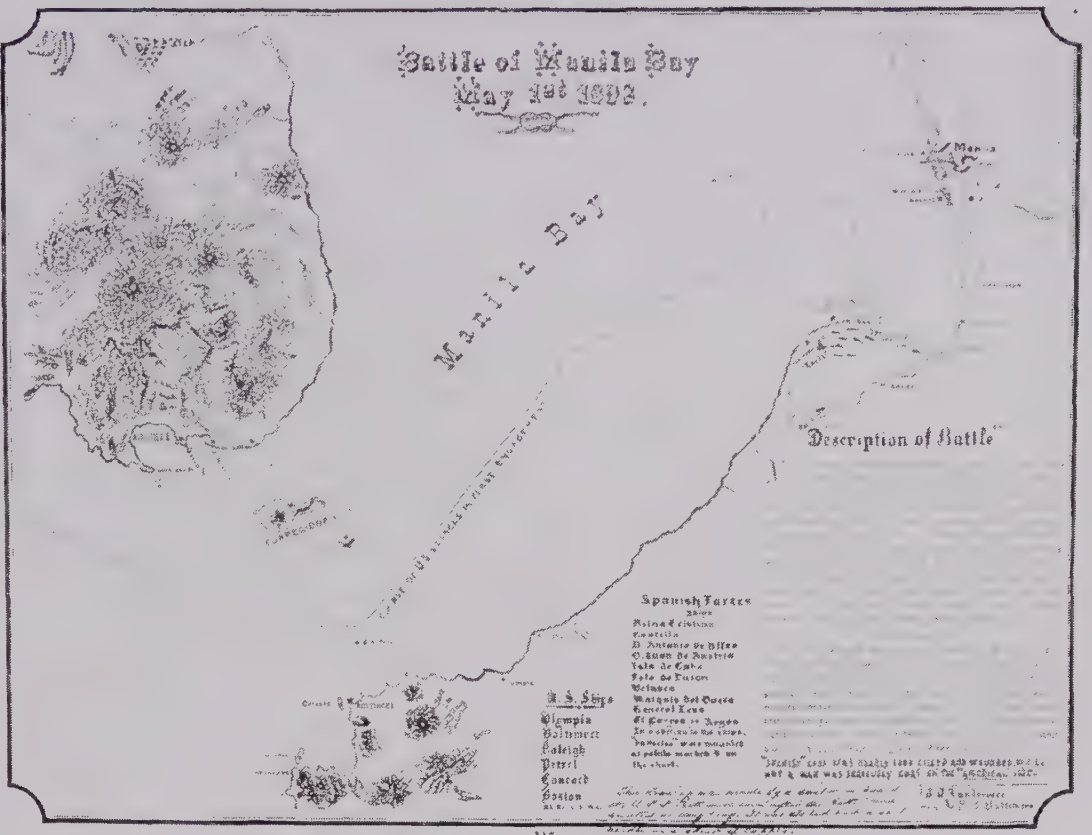
Battle of Manila Bay, Commodore Dewey, '55, in command. From Harper's Weekly. Copyrighted, 1898, Harper & Bros.

situated, indents the southern shore of the Island of Luzon, the largest of the Philippine group Manila is a city of 300,000 inhabitants The bay is landlocked, irregular in outline and measures thirty miles from north to south and twenty-five miles from east to west The entrance is twelve miles wide, two and a half miles from its westernmost point is Corregidor Island, rising some 600 feet above sea level, on which was a battery of three 6 3 inch Armstrong guns Between Corregidor and the eastern mainland are the islets of Pulo Cabello and El Fraile, each having a battery of three 6 3 inch Gonzules-Hontoria, breech-loading rifle guns There were also batteries at Punta Restinga, Mariveles, Punta Sisman, Punta Gorda, Punta Lasisi and Punta Cancay, several of which were masked by the dense tropical thickets It was stated that the adjacent waters were thickly mined and that a steamer lately arrived had brought a number of Whitehead torpedoes. Masters of vessels recently from Manila reported that they had been obliged to take a devious course to avoid these dangers It afterwards was known that the Spaniards thought that the water at the entrance was too deep for mines. Seven Whitehead torpedoes were subsequently found at the arsenal, but no attempt had been made to use them However, the moral effect remained so far as the attacking force was concerned.

Some seventeen miles inside the entrance, and on the eastern shore of Manila Bay, is a bight called Cañacao Bay, on which is the arsenal of Cavite, the naval supply and repair station of the islands It was protected by the old fort San Felipe, mounting 6-inch smooth bore Armstrong guns, and on a long narrow sand spit forming the western extremity of this bight, called Sangley Point, was a battery of two 6 3 inch Ordonez type, guns There should have been three guns mounted there, but for some reason the third was left on the ground About eight miles northward from Sangley Point is the city of Manila, its water front defended by fifty guns, mostly breech-loading rifles and mortars, of 9 6 inch, 8 4 inch, 6 4 inch and 3 2 inch caliber, behind regularly constructed stone parapets with sandbag revetments *

On April 30th, at 11 30 P M , the U S squadron was abreast of Corregidor Island and the supply vessels and the *McCulloch* were ordered to form column in rear of the fighting ships previous to entering the south channel (Boca Grande), and the speed

*Note The number and armaments of the fortifications at the city and entrance to the bay are from Spanish accounts and the observations of American naval



Map of Manaila Bay. Copyrighted, 1898 by Harper & Bros.

was set at eight knots, no lights were shown except those at the sterns of the vessels, which were screened at the sides At midnight the turn was made into Manila Bay It was a fine starlight night, a gentle breeze tempered the intense heat, a young moon was near the zenith, occasionally obscured by passing clouds, and the sea quite smooth

Apparently unperceived by the enemy, the leading division of the squadron was passing Corregidor Island when the smoke-stack of the *McCulloch* took fire and belched forth a tongue of flame, instantly a rocket shot skyward from the summit of Corregidor and the battery at El Fraile fired at the advancing vessels, this was followed by a second and a third shot These were promptly answered by several vessels of the squadron, but the Spaniards had lost the opportunity and the batteries were soon left behind

At reduced speed the vessels continued to move over the dark waters towards Manila, the crews at their guns, and the deathlike stillness only broken by the lookouts occasionally announcing a light in the distance

At the first gleam of morning light, the shipping could be made out off the gray walls and towers of Manila, apparently only merchantmen At 5 05, A M May 1st , the guns at Sangley Point and three batteries at Manila opened fire without effect The latter were replied to by a few shots, but the attention of the Commodore was not diverted from the main object, for the increasing light disclosed the shadowy forms of the Spanish men-of-war at Cavite, on the eastern side of the bay, some seven miles distant

Phantom-like and grim they appeared, half shrouded in mist, the red and yellow banners of Castile and Leon proudly floating at their mast-heads and the smoke pouring from their stacks as if they were preparing to get underway

The *McCulloch* and supply vessels were withdrawn from the fighting column, out of range of the enemy's fire and directed to stand by to tow disabled vessels out of action or perform such duties as might be necessary

Turning with a port helm, at a speed of six knots, the U. S. squadron defiled before the city of Manila with battle-flags flying, presenting a spectacle that called forth the unwilling admiration of the crowds of people that thronged the walls of the city and points of vantage that commanded a view of the bay. An eye-witness on the Luneta says "All were eager to observe the least detail of the enemy's vessels that in perfect line of battle advanced towards Cavite

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cruisers and majestically the Yankee vessels bore down upon our line. The *Olympia*, flying the admiral's flag, led the way."

Admiral Montejo occupied a strong position with the battery at Sangley Point on his left flank and his line extending into Cañacao Bay where it was supposed that protection was afforded by shallow water and submarine mines. Behind were the arsenal and

U. S. S. "Badger" on which Lieut. E. McC. Peters, '80, served during the Spanish-American War.

fort San Felipe. On the 29th of April the following Spanish vessels had anchored in line, with springs on their cables, in twenty-six feet of water: *Reina Cristina*, (flag-ship), *Castilla*, (protected along the water-line by lighters laden with sand bags), *Don Juan de Austria*, *Don Antonio de Ulloa*, *Isla de Luzon*, *Isla de Cuba*, *Marques del Duero*. The *Manila* had been sent to Bacoor Bay to join the *Velasco*, *Argos* and *General Lezo* which were under repairs.

With Admiral Dewey at the head the American squadron steadily advanced towards

the Spanish ships whose guns had been playing upon them since 5 15 A M, but doing no damage At this time Admiral Montejo ordered springs and cables to be slipped and engines started ahead, "to avoid being surrounded by the enemy," as he says

At 5 41 A M, Commodore Dewey gave the order which has become historic "You may fire when ready, Gridley" The *Olympia* opened the battle and the cannonade was taken up by each vessel in succession upon coming within range The booming of the guns, increasing to a deafening roar, mingled with the sharp zip-zip of the shells as they hurled through the air or burst with loud explosions above and around the advancing column Clouds of brown smoke soon mantled the scene of action A supposed torpedo boat was seen approaching the *Olympia*, but a concentration of quick-fire guns checked her course and she sunk stern first A second boat put off, with apparently the same purpose, but was driven back and beached under the walls of Cavite While advancing to the attack, two mines were exploded by the Spaniards, but too far off to be effective It was said that these mines were fired by order of Admiral Montejo for fear that his own vessels would run foul of them

The advance of the U S Column was parallel to and about 5,600 yards from the Spanish line, the port battery in action Turning with a port helm, as the enemy's left was reached, the starboard battery was brought to bear In this manner the squadron passed back and forth five times, forming elliptical tracks in front of the Spanish line at distances gradually diminishing to 2,000 yards. The Spanish fire was vigorous, but generally ineffective, although nearly a hundred guns were playing on the squadron

From the commencement of the action the *Reina Cristina* had been a special target for the American gunners At 7 A M, she apparently attempted to come out and engage the *Olympia*. This impression was probably caused by her uncertain movements, Admiral Montejo makes no mention of such intention, but says that the ram of rapid-fire projectiles disabled the steering-gear, swept the crews from the guns, turned the decks into shambles and set the ship on fire Half the crew and seven officers were disabled, and when some of the ammunition exploded the magazines were flooded and by 7 30 A M, his flagship was a helpless wreck

The *Castilla* was also in flames and all her guns except one put out of action. The *Don Juan de Austria* attempted to come to her aid but received great damage and was soon on fire. At

this juncture Admiral Montejo gave orders to sink the *Cristina* and signaled the *Luzon* and *Cuba* to take off the crew, transferring his flag to the former vessel. Captain Don Luis Cadarso of the *Cristina* was killed while bravely directing the rescue of his men. The *Ulloa* was sunk by shots below her water-line and more than half her crew and the captain disabled. The *Luzon* had three guns dismounted and some injuries to her hull and the *Duero's* engine was disabled as well as one of her guns.

The full extent of the havoc was unknown to Commodore Dewey, but it was evident from the confusion among the sinking and burning hulks that great damage had been done. At 7.35, A. M. a report was made to him that the 5-inch gun ammunition was running short and he ordered "cease firing" and withdrew the squadron for consultation and re-distribution of ammunition. At this time he sent a message to the Governor-General telling him that if the batteries at Manila did not stop firing, the city would be shelled. This had the desired effect.

The United States squadron having withdrawn to some distance, the crews were sent to breakfast, and it was generally supposed that the battle was suspended to give them this refreshment, a consideration which was by no means desired as shown by the expressive language of a seaman who said to Captain Lamberton, "For God's sake, Captain, don't let us stop now! To hell with breakfast!"

The spirit of the men was admirable. The seamen, with empty stomachs and stripped to the waist in the broiling sun, had worked the guns with the utmost energy for two hours. The engineers' force had labored in the bowels of the ships at boilers and engines in overpowering heat, the marines had served the quick-fire batteries with skill and vigor and even the Chinese mess men supplied the ammunition with coolness and rapidity that won them general praise. As the captains passed in their gigs to board the flagship the men manned the rails and cheered lustily.

Admiral Montejo supposed that the squadron had retired in order to bury the dead, and he ordered his remaining ships to take positions in Bacoor Bay and to fight to the last extremity when they should be sunk, rather than be surrendered. The Governor-General in his elation sent a telegram to Madrid that conveyed the impression that the Americans had been repulsed with heavy loss.

When the mistake in the report of the ammunition supply

had been corrected, the slight extent of casualties ascertained and breakfast completed, the second act in the battle commenced At 10 55 A M. Commodore Dewey made the general signal "Attack the enemy's batteries," designating the *Baltimore* to take the lead The object of the larger vessels was now to silence the battery at Sangley Point that had kept up a most active fire during the engagement, although the artillerymen had been swept away several times and one gun disabled, it was still firing, but was soon silenced by a hail of shot and shell The *Raleigh, Concord* and *Petrel* were ordered to go into Cañacao Bay and destroy the enemy's vessels, but the former was prevented from proceeding far by reason of shallow water, and concentrated a hot fire on the *Don Antonio de Ulloa* The *Petrel*, of lesser draught, passed inside and shelled the *Ulloa* and the warehouses at Cavite Lieutenant Edward M Hughes, executive officer of the *Petrel*, was sent with seven men in the only boat that would float and set fire to the *Don Juan de Austria, Isla de Cuba, Isla de Luzon General Lezo* and *Marques del Duero*, afterwards Ensign Fermier set fire to the *Velasco* and *Argos* These vessels were aground and abandoned by their crews, their outboard valves had been opened This was a most hazardous performance on the part of these officers as the Spanish crews were on the beach within musket shot of the American boat, and infuriated by their defeat

The *Concord* was signaled to go inside of Cañacao Bay and destroy a large transport that was in shallow water surrounded by fish weirs which created the impression that submarine mines were planted there On passing in, opportunity was taken to shell the fort at Cavite and vessels behind the mole Upon opening fire at the transport ten boat-loads of men were seen to leave her and she was soon in flames

At 12 15 P M not a Spanish flag was flying in the bay except from the staff of the *Don Antonio de Ulloa*, submerged behind Sangley Point, this vessel had gone down with her colors flying The *Reina Cristina* was in flames and aground under the guns of fort San Felipe and near by the sunken *Castilla* was burning rapidly The destruction of the Spanish squadron was complete the arsenal and Cavite batteries, crowded with sailors and marine artillerymen, were at the mercy of the victor and the city of Manila could have been bombarded and destroyed in a short space of time

At the second attack Admiral Montojo gave orders to sink

his ships and disable the guns, and landing with his staff, proceeded to the convent of Santo Domingo to be treated for a wound in the leg, he afterwards went to Manila

At 12 30 P M the Spanish flag was hauled down at Cavite and a white flag hoisted on the masting-shears at the arsenal in token of surrender *

Montejo's report states that his force numbered 1,875 men, and that his loss was 381 men killed and wounded The officers and men in Commodore Dewey's squadron numbered 1,750 men in the fighting ships. The damage done to his vessels was inconsiderable, though several were struck and even penetrated There were no men killed and only seven slightly wounded

During most of the battle Commodore Dewey was in an exposed position on the platform of the standard compass just forward of the *Olympia's* bridge He was dressed in a white duck service suit and at first wore a marine's helmet on his head, but finding it uncomfortable exchanged it for a golf cap.

In immediate effect and ultimate consequences the Battle of Manila Bay was a striking example of what in the Duke of Wellington's opinion constitutes the art of war, viz, "The accomplishment of great results at small sacrifices"

Miner R Deming, '26, performed conspicuous service as brigadier general in command of the Illinois troops during the Mormon excitement in that state

The following cadets were especially prominent in the Indian wars Lemuel A Abbott, '64, William R Baxter, '51, Albemarle Cady, '25, Charles A. Curtis, '61, Grenville M Dodge, '51, Samuel N Fifield, 50, Henry W Holley, 50, Cyrus G Myrick, '40, Benjamin F Patton, '28, James E. Porter, '67, Evan W. Thomas, '51, Charles A Webb, '60, Henry W Wessels, '28, and Charles A May, '32

Foreign Service

A number of the alumni became conspicuous in foreign service Augustine de Jerome Yturbide, '28, son of the Emperor of Mexico, served as a colonel on the staff of Gen Simon Bolivar in South America John D Russ, '24, served during 1827–32, as surgeon general of the Grecian army, during the war with the Turks

*On the 3d of May the Spanish forces evacuated Cavite and endeavored to find their way to Manila by land, there being no means of guarding them as prisoners or furnishing provisions Many of them were killed or fell into the hands of the Filipino insurgents

He also served as drill master and was prominent in several engagements, serving with his friend Col Jonathan P Miller trustee of "N. U" (q v.) Roswell W. Lee, '29, performed gallant service in the Army of the Republic of Texas. George H. McIntosh, '28, was also an officer in the Army of the Republic

During the Canadian Rebellion, the "Patriots War," in 1838-39, several of the cadets were said to have held commissions, but the authentic record of only two cadets, who served during this disturbance, has been preserved Oren Marsh, '25, was commissioned a captain in the "Patriots" army and spent some months in drilling and instructing companies Cyrus G Myrick '40, also served as first lieutenant and drill master.

Several of the cadets were implicated in fillibustering expeditions in Central America and Cuba The most prominent cadet in these expeditions was Stephen S Tucker, '30, who served as major with Gen William Walker Thomas F Wright, '49 and Frederick T Ward, '48, also served with Walker

The most prominent "soldier of fortune" educated at "N. U." was Frederick T Ward, '48. He was an officer with the famous General Garabaldi in South America, an officer with General Walker in Nicaragua and Sonora and performed gallant service as a lieutenant in the French army in the Crimean war. In 1859 he went to Shanghai China, where through a series of brilliant engagements against the Tae Ping rebels, he won distinction and promotion as a Mandarin and admiral-general of the Chinese army and navy He was killed in the battle of Ningo Po, October 23, 1862

George W Nevins, '47, was captured in a fillibustering expedition to Cuba and executed at Mantanzas, May 25, 1850 Henry A. Robbins, '61, saw much exciting service as surgeon and major in the National Guard of France during the Siege of Paris in 1870 Charles H Eaton, '99, served in the Panama struggle for independence in 1903

ROLL OF HONOR.

'64, *Abbott, Edward S †
Civil War—1st lieut and bvt capt U S A, killed in battle

'64, *Abbott, Lemuel A †
Civil War—capt, 10th Vt Inf, U S A—major

'61, *Abbott, Walter †
Civil War—lieut, U S N lieut commander

'48, Adams, Clinton
Civil War—capt, N Y Vols

'65, Adams, Henry H
Civil War—corp Co C, 95th Ohio Inf, U S A—lieut col

'53, *Adams, Leonard J †
U S Naval Academy—Midshipman

'24, *Adams, Thomas B †
U S A—1st lieutenant

'53, *Aiken, Walter †
Civil War—private 1st N H, Inf

'53, *Ainsworth, James E †
Civil War—capt, 12th Iowa Inf

'66, Aldrich, Edward K.
Civil War—1st lieut, 11th N Y Inf

'26, *Alexander, Henry D W †
Civil War—capt Ga Vols C S A Seminole War—capt

'63, Allen, Lorenzo D
Civil War—capt, 3d Vt Inf

28, Allen, William A.
U S N—Midshipman

'63, *Alvord, Henry E †
Civil War—private, 7th squadron R I Cav, maj, 2d Mass Cav, U S A—captain

'37, *Arms, Austin D †
Civil War—asst q m, U S Vols

'59, *Amsden, Frank P †
Civil War—recruiting officer, Pa Vols capt, Batt'y B Pa Art, adj and q m

'63, *Ashcroft, Charles E
Civil War—capt and staff officer on mustering Mass Vols

'46, Ashe, Thomas P
Civil War—is said to have served as colonel in the Confederate Army

'48, *Atwood, Julius P †
Civil War—lieut col, 6th Wis Inf

'93, Austin, Flynn G †
Spanish-American War—sergt maj 1st Vt Inf

'88, Austin, Fred T †
Spanish-American War—adj, 5th Mass Inf, Philippine insurrections—1st lieut, 46th U S Inf, U S A—captain

'64, Babbitt, Elbridge H.†
Civil War—sergt, 17th U S Inf, 2d lieut, 1st N C (Union Volunteers), 1st lieut and asst adjt gen.

'26, *Babbitt, Jacob†
Civil War—major, 7th R I Inf, died of wounds received in battle

'63, *Bailey, George A †
Civil War—pvt, 7th Squadron, R I Cav, capt, 1st Vt H Art (11th

'93, Bailey, George F †
Spanish-American War—sergt, 1st Vt Inf, 2d lieut, 41st Vol Inf, Philippine Is, U S A—1st lieutenant

'59, Baker, Charles N
Civil War—maj, 2d Mich Inf

'96, Baker, Roy D †
Spanish-American War—corp, 2d N Y Inf

'23, *Baker, William H
U S A—1st lieutenant

'08, Baldwin, Karl F †
U S A—1st lieutenant

'47, *Balloch, George W †
Civil War—1st lieut 5th N H Inf, lieut col, commissary subsistence on the staff of O O Howard, bvt brig gen, U S Vols

'59, Barker, J Gage
Civil War—capt 36th Ohio Inf

'45, Barnard, John M
Mexican War—capt, 1st Tex Mtd Vols q m gen, with rank of major

'63, *Barrett, Curtis S †
Civil War—capt and q m, U S Vols

'80, *Barstow, Frederick M †
Spanish-American War 1st lieut, 3d U S Eng

'47, Bartlett, John M
Civil War—pvt, 12th Vt Inf

'26, *Barton, Frederick A.†
Civil War—chaplain, 10th Mass Inf

'60, *Bascom, Gustavus M †
Civil War—drill master, Ohio Vols, capt Ohio Vols, lieut col and asst adjt gen, U S Vols, bvt col, U S A—major

'67, *Batchelder, James E.†
Civil War—pvt, 5th Vt Inf, U S A—1st lieutenant

'66, *Baxter, Henry C †
Civil War—1st lieut and bvt maj 11th Vt Inf, staff officer

'54, *Baxter, Jedediah H †
Civil War—surgeon, 12th Mass and U S Vols, U S A—surgeon general with rank of brigadier general

'54, Baxter, Luther L †
Civil War—maj, 4th Minn Inf, col, 1st Minn Heavy Art

'51, *Baxter, William R †
Civil War—capt 9th Minn Inf, served in the Indian wars in Minn, 1863–64, killed in battle in 1864

'65, Bayard, Albert F
Civil War—pvt, 7th Squadron, R I Cav, 1st lieut U S C I

'42, *Bean, Eli B.†
Civil War—capt and asst q m, U S Vols, bvt maj, U S Vols

'34, *Bean, Sylvanus B
Civil War—1st lieut, 11th Me Inf, maj and q m U S Vols

'98, Bearss, Hiram I †
Spanish-American War—capt, U S M[illegible] U S M C—captain

'47, Beattie, David C
Civil War—capt, 164th N Y Inf

'55, *Beckwith, Benjamin M †
Civil War—1st lieut adjt, 32d Wis Inf, capt and asst adjt gen, 2d brig, 4th div, 17th A C

'24, *Bell, John
Civil War—surgeon, U S A

'55, *Bickford, Frederick T.†
Civil War—musician, 5th Vt Inf, served in the q m dept

'64, *Birchard, Sardis †
Civil War—1st sergt 11th Vt Inf, died in Andersonville prison

'67, *Bird, Charles S
Civil War pvt, 60th Mass Vol

'46, *Bishop, Linus D †
Civil War—maj, 9th Ill cav, provost marshal

'66, *Blackington, William S †
Civil War—pvt, 60th Mass Inf

'67, Blodgette, George B †
Civil War—corp, Co D, 48th Mass Inf

'47, *Boardman, Napoleon†
Civil War—1st lieut, 2d Wis Cav, asst chf ord, capt, Batt'y M 2d Mo Lt Art

'26, *Boggs, Charles S †
Mexican War—lieut, U S N, Civil War—capt im, U S N, U S N—rear admiral

'26, *Boggs, William B †
Civil War—purser, U S N, U S N—pay director

'28, *Bomford, James V †
Black Hawk and Seminole Wars—1st lieut, U S A, Mexican War—capt and bvt col, Civil War—col, U S A—bvt brig gen

'59, *Boutelle, George V.†
Civil War—2d lieut, "Clay's Battl'n of Infantry" of Washington, D C, capt, 2d N Y Inf, maj, 21st N Y Cav, bvt col, U S Vols

41, *Bovay, Alvin E †
Civil War—maj, 16th Wis Inf, Provost Marshal

'68, *Bowen, Marcellus †
Civil War—pvt, 1st Vt Cav

'52, Bowers, Charles
Capt, 32d Mass Inf

'47, *Breaux, Gustavus A †
Civil War—col, 30th La Vols, C S A

'63, *Bradley, Charles O †
Civil War—1st sergt, 1st N H Inf capt 18th N H Inf, capt, 1st N H, H Art, U S A—captain

'44, *Brigham, Henry O †
Mexican War—drum maj, 9th U S Inf, U S A,—pym't, with rank of major

'59, *Bringhurst, Thomas†
Civil War—capt, Pa Inf

'26, *Brisbane, William H †
Civil War—chaplain 2d Wis Cav.

'44, *Brown, Edward M †
Civil War [illegible] 8th Vt

'08, Brown, Thomas W †
2d lieut, Constabulary force P I

'07, Brown, William P
U S Navy—passed midshipman

'55, *Bryant, George E †
Civil War—capt, 1st Wis Inf, col, 12th Wis Inf, bvt brig gen, U S Vols, brigade commander

'28, *Buck, Alonzo P
U S N—Midshipman

'41, *Buck, Benjamin
Mexican War 1st lieut and adjt, N C Vols

'56, *Buel, George P †
Civil War—col, 58th Ind Inf, brig commander, commanded pioneer brigade army of the Cumberland, bvt brig gen, U S Vols, U S Army—colonel

'64, *Buel, James W
Civil War—sergt, 17th U S Infantry, U S N—3d asst eng, U S A—asst surgeon

'57, Buel, John F L
Civil War—1st lieut and regt q m, U S A.

'61, *Buel, Julius O †
Civil War—1st lieut, 1st Col Inf

'55, *Burbank, William B
Civil War—1st lieut, 17th Vt Inf

'28, *Burdett, Charles
U S N—Midshipman

'66, *Burkham, Elzey G †
Civil War—pvt, Co G, 60th Mass Inf

'39, Burnham, Cyrus B †
Civil War—q m gen and col, Mo militia

'48, Burnham, Hosea B
Civil War—lieut col, 67th Pa Inf

'55, *Burns, Emery
Civil War—served in the Union Army

'02, Burr, Frank H †
U S A—2d lieut

'56, *Burrows, Hunt W †
Civil War—capt, 11th Vt Inf (1st Vt H Art)

'37, *Burton, Henry S †
Mexican War—lieut col 7th N Y Inf, Civil War—col and bvt brig gen, U S A—colonel

'55, *Burton, William S †
Civil War—maj, 3d Mich Inf

'63, Bush, Charles E †
Civil War—sergt maj, 7th Squadron R I Cavalry

'47, *Buswell, Albert †
Civil War—pvt, 8th Vt Inf, asst surg, 12th Me Vols

'56, *Buttrick, George †
Civil War—corp, 5th Mass Vol militia, capt, 3d U S C I

'25, *Cady, Albermarle †
Seminole War capt, U S A Mexican War—capt and bvt maj, Civil War—col, U S A—col and bvt brig gen, served in the Indian Wars

'64, *Cady, Samuel A
Civil War— corp 4th Vt Inf, discharged for disability.

'59, Campbell, Hugh S
Civil War—lieut col, 83d Pa Inf

'61, *Cargill, Charles G †
Civil War—corp, 16th Vt Vols

'96, Carleton, Charles S †
Spanish-American War—capt, 1st Me Inf

'50, *Carpenter, Charles C †
Civil War—lieut commander, U S N—rear admiral, U S Navy, commanded the Asiatic fleet during the Chinese and Japanese war, in command Portsmouth Navy Yard during the Spanish-American War

'23, *Carpenter, Edward W.†
Mexican War—capt, U S N, Civil War—commodore, U S N

'49, Carpenter, Irving S †
Civil War—officer, commissary dept, U S Vols

'97, Carr, Winfred B †
Spanish-American War—2d lieut, U S A, captain, U S A

'54, Carter, George
Civil War—major, 2d N H Inf

'91, Chadwick, Homer R
Spanish-American War—artificer 1st Vt Vols

'64, *Chaffin, William H †
Civil War—drill master, N H Inf, capt, 14th N H Inf, acted as lieut col of the regt, shot in battle

'61, *Chandler, Edward A †
Civil War—drill master, Vt Vols, 1st lieut 3d Vt Inf, served in U S q m dept with rank of major

'45, *Chandler, Julius C.†
Civil War—1st sergt, 2d and 40th Wis Inf

'54, Channel, Alfred M
Civil War—capt, 7th R I Inf

'65, Chapin, Charles J.
Civil War—drill master, Vt Vols

'26, *Chaplin, William C
U S N—lieut

'67, Childs, George W
Civil War—corp, Co B, 6th Mass Inf

'58, *Childs, Jonathan W †
Civil War—col, 4th Mich Inf

'09, Clark, Frank S †
U S A—2d lieut

'02, Clark, George H
Spanish-American War—sergt, 1st N H Vol, musician, U S Art

'33, *Clark, Henry E W †
Seminole War—capt., Georgia Vols, Mexican War—capt, U S Army

09, Clark, Howard T †
U S A—2d lieut

'44, *Clark, Thomas †
Civil War—drill master, Ohio Vols, lieut col 29th Ohio, Inf

'09, Clark, Walter L.†
U S A—2d lieut

'59, Clark, William James †
See William James DePoincy

'54, Cleveland, James B
Officer Confederate Army

'49, Coffee, William
Civil War—sergt, 3d N H Inf

'67, Coffin, Herbert G
Civil War—capt, 56th Mass Inf

'53, *Colburn, Albert V.†
Civil War—lieut col, U S A, asst adjt gen

'09, Collins, Everett †
U S A—2d lieut

'31, *Colvocoresses, George M.†
Civil War—capt, U S N

'66, Colvocoresses, George P †
U S Navy—rear admiral (retired)

'48, *Comings, David L. M †
Civil War—asst, surg, 4th N H. Inf

'56, Conn. Granville P †
Civil War—asst surg, 12th Vt Inf, surgeon, U S. Vols

'65, *Converse, George A †
U S N—rear admiral

'69, *Cooke, Albert W †
Civil War—1st sergt, 25th Mass Inf, capt, 57th Mass Inf, commanded regt, asst adjt gen

'63, Coolidge, Charles A †
Civil War—pvt 16th U S. Inf, 1st lieut, U S Inf, Spanish American War—maj, Philippine Insurrections and in China—lieut col, 9th U. S Inf, took part in many battles with the Indians, brig gen, U S A (retired)

'64, *Coombs, Arthur W.
Civil War—pvt Co B, 7th Squadron R I Cav, died of disease contracted in the service

'28, *Cooper, James M
U. S N—Gunner.

'59, *Cowdin, Robert J †
Civil War—pvt, 1st Mass Inf, capt., 31st N Y Inf, capt, 56th Mass Vols; killed in battle

'23, *Craven, Thomas T.†
Civil War—commodore U S N.; U S N—rear admiral

'29, Craven, Tunis A M †
U S N—Commander

'26, Crenshaw, J W
U S N—midshipman, 1826-27

'43, *Crooker, Jabez C †
Civil War—capt, 55th Ill. Inf

'42, *Crowninshield, Charles B.
Mexican War—capt, Co E, 1st Mass Inf

'45, *Crowninshield, John C †
Mexican War—junior, 1st lieut, Co E, 1st Mass Inf

'44, Cunningham, James
Civil War—capt, U. S Vols

'52, *Currier, Samuel H †
Civil War—asst surg, 8th Vt Inf

'61, *Curtis, Charles A †
Civil War—drill master, Me Vols, served with 6th Me Inf, asst adjt gen, U S Vols, capt, U S A

'37, *Curtis, Joseph W †
U S Marine corps—1st lieut

'50, *Cutts, Edward H †
Civil War—1st lieut, 8th Minn Inf capt, 55th U S C I

'90, Dane, Homer J †
Spanish American War—hospital steward, 1st Vt Vols

'01, *Danforth, Ellon T †
Philippine Islands—sergt, 21st U S Inf, died of disease contracted in the service

'35, *Darling, Daniel †
Civil War—contract surgeon in the U S A

'67, Davis, George A.
Civil War—pvt, Co G, 60th Mass Inf

'51, Davis, George E
Civil War—1st lieut and adjt, 21st Mass Vols

'55, *Davis, Thomas H.
Civil War—capt, 1st Va Vols, C S A

'42, *Davis, William W H †
Mexican War—1st lieut Co E, 1st Mass Inf, adjt acting asst adjt gen capt Civil War—capt 25th Penn Vols, col, 104th Penn Vols bvt brig gen, U S Vols, brig and div commander

'61, Day, Henry C
Civil War—capt, 18th Conn Vols

'45, *Dean, Charles K †
Civil War—1st lieut and adjt, 2d Wis Vols

'50, Dearing, Charles H.
Civil War—capt, 11th Ga Vols, C S A

'59, *Delaney, Alfred
Civil War—surgeon, Pa Vols, U S A—asst surg

'26, *Deming, Miner R †
Brig gen in command Illinois State troops during the "Mormon War"

'45, *Denison, Charles E †
Civil War—capt, 8th Ill Inf; capt, 18th U S Inf bvt maj, U S. Army

'61, *DePoincy, William J †
Civil War—1st sergt, 7th Ga cav, 1st lieut troop G, McCollister's Squadron, Ga Cav

'42, *Derby, George H †
Mexican War—1st lieut U S A, U S Engineers—capt

'55, Dewey, George †
Civil War—lieut, U S N, Spanish American War—commodore, U S N—admiral

'55, *Dewey, John W †
Civil War—capt, 2d regiment, Berdans Sharp Shooters

'63, Dewey, William S †
Civil War—pvt, Co B, 7th Squadron, R I Cav.

'23, *Dicks, John W †
Civil War—[illegible]

'51, Dodge, Grenville M †
Civil War—col, 4th Ia Inf, brig gen maj gen, U S Vols corps and army commander, served in Indian Wars

'64, *Dodge, William A
Drill master, Vt Vols, 1st lieut, 9th Vt Inf

'91, Dole, Carl G †
Spanish American War—2d lieut, 1st Vt, Inf

'96, Dole, Harry R †
Spanish American War—sergt, 1st Vt Inf

'41, *Dorn, Andrew J †
Mexican War—1st lieut, Mo Inf, 2d lieut, 3d "Dragoons", Civil War—col, C S A, and is said to have been promoted to brig gen

'78, Douglass, Francis †
Served as forage master, 14th U S Inf

'23, *Downs, Albert E
Lieut, U S N lost in the "Grampus," March, 1843

'26, *Drake, Charles D †
U S N—midshipman

'48, *Drew, Frederick P †
Civil War—surgeon, U S A

'09, Dunlop, Robert H †
U. S A—2d lieut

'38, *Dyer, Jay †
Civil War—capt, 32d Ohio Inf

'11, Earle, Fred M †
Seaman, U S N, Midshipman, U S N

'52, Earle, Thomas A.
Civil War—1st lieut, 25th Mass Inf

'99, Eaton, Charles H †
Was with Gen Jeffries in Panama during the brief struggle in 1903

'61, *Eayre, Thomas W †
Civil War—drill master, Vt Vols, capt, 5th N J Inf, asst adjt gen with rank of captain, killed in battle

'08, Edwards, Irving B. †
2d lieut, U S Constabulary force, P I

'52, *Elliot, George H †
Civil War—1st lieut, U S A, colonel U S engineers

'27, *Elliott, Stephen D.
U. S N—midshipman

'23, *Emerson, Thomas L †
U S N—midshipman

'24, *Emery, Charles L
Served in the navy for a number of years previous to the Mexican War

'52, *Emery, Harvey W †
Civil War—drill master, Wis Vol lieut col, 5th Wis Inf, died of wounds received in battle

'54, *Ensign, William H †
Civil War—asst surgeon U S Vols, U S A—surgeon

'98, Evans, George D †
Spanish-American War—corp, 1st Vt Inf

'62, Ewart, James K
Civil War—capt, Co E, 26th Ohio Inf

'03, Farquaharson, Robert B. †
U S Marine corps [illegible]

'23, *Farrand, Ebenezer†
U S N—commander, C S N—commodore

'45, Farrar, Bernard G †
Civil War—aide-de-camp, Gen Nathaniel Lyon in Mo, provost marshal and lieut col, col, 30th Mo Vols col, 6th U S C Inf, commanded a brigade and districts during Civil War, bvt brig gen, U S A

'56, *Farrar, Frederick H †
Civil War—lieut col, 1st La regulars C S A, killed in battle

'56, Farrar, William E †
Civil War—2d lieut, unattached Inf Co, Mass Inf, 1st lieut, 7th Mass Batt'y, 1st lieut and regimental q m 6th Mass Inf

'57, *Fenton, Frank B †
Civil War—1st lieut, Batt'y A, 2d Regt, Ill Art

'60, *Field, George W.†
Civil War—capt, 59th Mass Inf

'50, *Fifield, Samuel N †
Capt, Neb Mil, served in many engagements against the Indians on plains

'67, Fiske, William
Civil War—pvt, 43d Mass Inf

'57, *Fletcher, Frederick F †
Civil War—served in the Mo State Militia, 1859-63

'33, *Flint, Martin M †
Civil War—pvt, 40th Wis Inf

'65, *Folsom, George A †
Civil War—capt, 57th U S C I

'52, *Ford, Charles J.†
Civil War—pvt 6th Ia Cav, asst surg 6th Ia Cav with rank of capt served in many engagements with the Indians

'59, †Foster, Edwy W †
Civil War—leader, 27th Mass Inf band

'58, *Fowler, John G
Civil War—corp, 3d Vt Inf

'44, Fox, Charles
Civil War—capt, 38th Ill Inf

'26, *Fraser, John F †
Civil War—"Barlow Grays," Pa Inf

'23, *Freelon, Thomas W.†
U S N—commander

'55, French, George B †
Civil War—1st sergt, 1st Vt Inf, 1st lieut and adjt, 4th Vt Inf, deputy U S provost marshal, Vt, capt 26th N Y Cav (Frontier Cavalry)

'44, *Frizell, Joseph W †
Civil War—lieut col, 11th Ohio Inf, col, 94th Ohio Inf, bvt brig gen, U S Inf

'64, Fuller, Lloyd B.†
Civil War—clerk, q m dept U S A, capt, Co C, 2d Regiment enrolled militia dist of Mississippi

'64, *Galbraith, Frederick W.†
Civil War—drill master Vt, and Me Inf, 2d lieut 3d Me Inf, capt and bvt lieut col, U S Vols, served on [illegible]

'39, *Gardiner, Symmes
Civil War—capt, 18th U S Inf

'96, Gates, Gardiner†
Spanish-American War—sergt, 1st Vt Vols, 1st sergt, 21st U S Vol Inf, Philippine Islands

'26, Gaylord, John T †
U S N—Master.

'64, *Gerrish, William†
Civil War—pvt, 1st Mass Inf, 1st lieut, 20th U S C I, asst adjt gen

'50, *Gillum, Henry H †
Civil War—capt and q m, Kan Vols

'57, Gilman, Benjamin M †
Civil War—pvt, 1st Wis Inf, pvt 12th Ill Cav Vols

'67, Gilman, George E
Civil War—1st lieut, 1st N H Cav

'40, *Gilson, James M †
Civil War—capt, 83d Ill Inf

'49, *Gleason, Newell†
Civil War—col, 87th Ind Inf, commanded 2d brig 3d div 14th Army Corps, bvt brig gen, U S Vols

'40, Glover, Wilson
Confederate Army—Capt

'23, *Glynn, James†
U S N—commodore

'57, Goodrich, Levi W †
Civil War—capt, Co G, 30th Tex Cav., C S A

'98, Goodspead, Nelson A †
U S A—2d lieut

'63, Goodwin, William S
Civil War—pvt Co B, 7th Squadron, R I Cav, 1st lieut, 27th Mass Vols

'49, *Gould, Jacob P †
Civil War—major 13th Mass Inf, col, 59th Mass Inf, acted as brig commander, died of wounds recd in battle

'65, Goulding, Joseph H †
Civil War—1st lieut, 6th U S C I, asst q m

'49, *Gove, Jesse A †
Mexican War—1st lieut, 9th U S Regt, U S A—capt, Civil War—col, 22d Mass Vols, killed in battle.

'65, *Gragg, Charles W
Civil War—pvt, Co B, 7th Squadron, R I Cav, pvt, Co C, 42d Mass Inf

'27, *Graham, John H
U S N—commodore, served in the War of 1812, the Mexican and Civil Wars

'57, *Granger, Brownell†
Civil War—drill master, Mass Vols, capt, commissary subsistence, bvt. major and col

'67, Granger, Charles H.
Civil War—pvt, Co H, 12th Vt Inf

'64, *Granger, Edward M.†
Civil War—1st sergt, Harris Lt Cav, of New York City, shot in battle

'49, *Granger, Lyman C.†
Civil War—surg, U S N; died of [illegible]

'64, Gray, John S.
Civil War—capt, 19th Ia Inf

'50, *Greeley, George P †
Civil War—asst surg, 2d N H Inf, surg, 4th N H Vols surg, 9th regt U S Veteran Reserves

'26, *Green, Coggswell K.†
Black Hawk War—col, Mich Inf

'23, *Greenwood, Edwin L
U S N—midshipman

'52, *Greenwood, William H †
Civil War—capt, 51st Ill Inf; lieut col and bvt col and asst inspect gen 4th Army Corps

'54, *Griswold, Charles E †
Civil War—col, 22d Mass Inf col, 56th Mass Vols, killed in battle

'56, *Guild, Edwin†
Civil War—pvt, N H Inf

'29, *Hagner, Peter V †
U S A—col and bvt brig gen, served in Mexican and Civil Wars

'61, Hale, Henry A
Civil War—capt, 19th Mass Inf

'28, *Hale, Reuben Charles †
Civil War—brig gen and q m gen, state of Penn

'55, *Hall, Alfred G †
Civil War—1st lieut and adjt, 9th Conn Inf, lieut col, 2d La Guards

'61, Hall, Josiah †
Civil War—col, 1st Vt Cav

'46, *Hall, William H H †
Civil War—capt 6th Vt Inf

'44, Hammond, Elisha
Capt 20th Mich Vols

'43, *Hancock, Henry†
Mexican War—served as capt on the staff of Gen Donaldson Civil War—maj, 4th Cal Vols

'42, Harris, Joseph
Civil War—maj and pymr U S Vols

'23, *Harris, William S
U S N—Commander

'56 *Hartshorn, Samuel N †
Civil War—Lafayette Art N H Vols

'28, *Hartstene, Henry J †
Commander U S N served in Mexican War, capt C S N

'29 *Harney, William S †
Black Hawk and Seminole Wars—lieut col, Mexican War col and bvt brig gen U S A—brig gen Civil War bvt maj gen U S A

'51, Harvey, Edward E
Civil War—capt 6th Kan Inf

'57, Hascall, Henry Bailey†
Civil War—asst pymr U S Navy

'46, *Haskell, Henry L S
Civil War—pvt, Co K 11th Ill Vols, was elected 2d lieut but unable to accept owing to ill health

'63, Hastings, Addison T †
Civil War—bvt 7th squadron (R I) Cav

'50, *Hatch, Edward†
Civil War—drill master, Ia Vols, col 2d Ia Cav, brig gen U S Vols, bvt maj gen, U S Army, commanded a division of cav, col U S A

'63, Haven, William B
Civil War—1st lieut, 16th N H Inf

'54, Haycock, Judson†
Civil War—capt, 1st U S Cav

'63, Hays, William B
Civil War—1st lieut, 7th Pa Cav

'64, Hazelton, Walter S.†
Civil War—pvt, Co B, 7th squadron, R I Cavalry

'66, *Head, Henry H †
Civil War—pvt, Co G, 60th Mass Inf, died of disease contracted in the service

'64, Hebard, William†
Civil War—1st lieut, 138th Ind Inf

'56, Henderson, Robert†
Civil War—act ensign, U S N, lieut, U S Revenue Cutter Service

'62, *Henderson, Thomas A †
Civil War—lieut col, 7th N H Inf, killed in battle

'64, Henry, Horace C †
Civil War—1st sergt, 14th Vt Inf

'23, *Heriot, James
U S N—Midshipman, 1828–30

'40, *Hewitt, Sylvester M †
Civil War—capt, 26th Ohio Inf, maj 32d Ohio Inf, surgeon 136th Ohio Inf

'59, *Hitchcock, Robert E †
Civil War—2d lieut U S Marine corps, killed in the first battle of Bull Run, July 21, 1861 was the first Vermonter to die in the support of the Union.

'58, *Hobbs, George W †
Civil War—2d lieut, 6th Mass Inf, enrolling officer, Mass Inf with rank of capt

'50, *Holley, Henry W †
Indian War—capt, Minn troops during 1862–63

'55, Hollister, James
1st lieut, Co L 1st Minn Inf

49, Holman, Samuel A
Civil War—chaplain, 129th Pa Inf

'23, *Homans, James T
U S N—lieut

'26, *Holmes, Arthur Fisher†
Seminole War—maj, Fla Vols

'64, Hopkins, George
Civil War—capt, 22d Ind Inf

'26, *Howard, Augustus†
Seminole War—capt Ala Vols

'65, Howard, Henry A †
Civil War—pvt 60th Mass Inf

'52, *Howard, Henry H †
Civil War—dept provost marshal with

'60, *Howard, Noel B †
Civil War—col, 2d Ia Inf, brigade commander.

'09, *Howe, Evan C.†
Midshipman, U S Naval Academy, died while a cadet

'80, Howe, Frank L †
Spanish-American War—capt, 1st Vt Vols

'98, *Howes, Heman C †
Spanish-American War—corp, 1st Vt Inf

'96, Howes, Phil S †
Spanish-American War—corp, 1st Vt Inf

'63, Hoyt, Charles A
Civil War—capt, 24th Mich Inf

'64, Hoyt, William R †
Civil War—1st lieut, 10th Vt Inf

'57, Hubbard, David
Civil War—capt, Kan militia q m clerk, 13th Army Corps

'56, Hubbard, Gurdon S †
Civil War—capt, 88th Ill Vols, asst ins gen, Army of the Cumberland, bvt maj U S Vols

'32, *Hull, William †
Seminole War—1st lieut La Vols

'23 Humphries, Stern
Midshipman U S N, Jan 1 1818 lieut March, 3, 1827, resigned Oct 1, 1834

'57, *Hunsdon, Charles†
Civil War—col, 11th Vt Inf (1st H Art)

'56, *Hunt, John H.†
Civil War—eng U S N, 1861 65

'62 *Hutchinson, Alonzo B
Civil War—capt, 6th Vt Inf

'42, *Hunt, Roswell W.
Civil War—corp, 10th Vt Inf

'38, *Hutchinson, Edson
Civil War—corp 16th Vt Inf

'61, *Irish, Nathaniel
Civil War—capt Batt'y F, Penn 1t Art

'36, *Jackman, Alonzo†
Civil War—brig gen, in command Vt state troops

'51, *Jackson, John C †
Civil War—pvt, Co F, 8th Tex Cav "Texas Rangers"

'52, *Jarvis, George C †
Civil War—asst surg, 1st Conn Cav, surg, 7th Conn Inf

'28, *Jenkins, John F
U S N—Lieut

'40, Jenkins, Robert B
Officer, Confederate Army

'29, *Johnson, Richard†
Civil War—chaplain and drill master, Confederate Army

'26, Johnston, Daniel P †
Seminole War—capt, S C Vols
Civil War—capt, C S A

'39, *Johnson, Robert E
Lieut N S N

'62, *Jones, Edward T †
Civil War—drill master, several Vt regts, served with the 6th Vt Vols, Ind of disease contracted in the

'26, *Jones, George W †
Black Hawk War—col, on staff of Gen. Henry Dodge of Wis

'07, Kathan, William L.
U S N—Seaman

'97, Keith, Harry L †
Spanish-American War—corp, 5th Miss Inf

'54, *Kelley, Elisha S †
Civil War—maj 8th Ill Cav

'61, Kellogg, Theodore H †
Civil War—1st lieut, Co B 7th Squadron R I Cav "College Cavaliers"

'48, Kellogg, William P †
Civil War—col, 7th Ill, Cav, commanded brigade

'64, *Kelton, Dwight H.†
Civil War—pvt, 98th N Y Inf, capt 115th U S C I, maj U S A

'47, *Kendall Paul R †
Civil War—drill master, Ill, Kan and Mo troops, 1st lieut and q m 12th Mo Cav served on staff of Gen Edward Hatch, '50, as q m of his division

'25, *Kennedy, Andrew E
U S N—asst surg

'64, *Kent, Charles N †
Civil War—1st lieut, 17th N H Inf capt, corps of cadets at Newport, Vt during St Albans raid excitement

'54, *Kent, Henry O †
Civil War—col, 17th N H Inf

'60, *Kilbourn, Byron H.†
Civil War—2d lieut, 3d Wis Cav

'44, *Kimball, Edward A †
Mexican War—capt and bvt maj, 9th U S Inf, N E Regt Mexican War, Civil War—lieut col, 9th N Y Vols, "Hawkins Zouaves"

'24, *Kimball, Gilman†
Civil War—surgeon, U S Vols

'62, Kimball, Lewis†
Civil War—pvt 3d N H Inf, 2d lieut, 6th U S C I

'49, King, George L
Civil War—1st lieut, U S Vols

'59, King, Wallace A †
Civil War—drill master, Mich Inf, 1st lieut, 4th Mich Inf, pvt Co. B, 7th Squadron, R I Cav, "College Cavaliers"

'56, Kingsley, Levi G.†
Civil War—2d lieut, 1st Vt Inf, maj, 12th Vt Inf

'56, Kinne, Aaron†
Civil War—1st sergt, 25th Conn Inf

'58, *Knowles, Samuel W.
Civil War—2d lieut, 22d Me Inf, capt, 2d Me Cav

'41, Lander, Frederick W †
Civil War—brig gen U S Vols, died of wounds received in battle

'52, *Lathrop, Solon H †
Civil War—lieut col, U S A and asst q. m gen vols, bvt col U. S

'58, *Lawrence, Arthur†
Civil War—served on the staff of Gen Howard during Sherman's famous March to the Sea

'55, Learnard, Oscar E †
Civil War—lieut col 1st Kan Inf

'64, *Lee, Douglass
Civil War—corp, Co B, 7th Squadron, R I Cav, died of disease contracted in the service

'29, *Lee, Roswell W †
Seminole War—1st lieut, U S A capt, Army of Republic of Texas, col, Tex Art, C S A

'43, *Lee, Stephen B †
Maj, U S Vols

'25, *Lee, William R †
Civil War—col 20th Mass Inf, bvt brig gen, U S A

'54, Leland, Oscar H †
Civil War—capt and adjt, 30th Tex Cav, C S A

'55, *Lewis, Charles H †
Civil War—capt U S A, bvt lieut col

'50, *Lincoln, Francis M †
Civil War—asst surg, 9th Mass Inf, surgeon 35th Mass Inf, asst surg U S A

'30, *Little, George
Civil War—col, C S A

'55, *Long, Charles H †
Civil War—lieut and drill master, N H Inf, capt, 5th N H Inf, lieut col 17th N H Inf, col, 1st N H H Art, brig commander

'42, *Longnecker, Henry C †
Mexican War—1st lieut, Pa Inf; transferred to "the Voltigeur" regt Civil War—col, 9th Pa Inf, col, 5th Pa Militia Vols

'56, *Loomis, Pomeroy†
Civil War sergt Co C, 13th Vt Inf

'55, *Lord, Charles V †
Civil War—capt and q m, 2d Me Inf

'64, Lord, Robert C †
Civil War—1st lieut, U S A, sergt, U S Signal Corps

'67, Lowe, Abner B
Civil War—pvt, Co G, 60th Mass Inf

'53, McCollister, John Q A †
Civil War—asst surg 6th Mass Inf, surgeon 2nd maj, 53d Mass Inf

'64, *McCulloch, Frederick H †
1st Sergeant Co G, 60th Mass Inf

'25, *McIntosh, George H †
Served in the Army of Texas and is said to have served in the Confederate army

'37, *McLean, Eugene E †
U S A—Capt, Civil War—Colonel C S A

'32, McNabb, John
Mexican War—2d lieut, 9th U S Inf, capt, U S A officer, C S A

'22, *Mackay, Daniel H
U S N—lieut, lost in the *Hornet* Sept 10, 1829

'41, *Major, Augustine L. C.†
Civil War—pvt, Co E, "Moseby's Rangers," C S A

'61, *Marcy, Andrew C
Civil War—pvt, 12th Vt Inf

'25, *Marsh, Oren
Black Hawk War—capt Canadian Rebellion—capt, 'Patriots' Army, Mexican War—capt Mich Vols

'42, *Marsh, Otis M †
Civil War—capt, "Marsh's Squadron" Tex Cav C S A, served as major of squadron, captured the U S S *Harriet Lane*

'39, *Marsh, Samuel†
Civil War—lieut col, 16th N Y Inf, commanded regt; died of wounds received in battle

'39, *Marvin, Asa C †
Civil War—battalion adjutant, 7th Mo Cav col 60th Mo Regt, enrolled militia

'32, *May, Charles A †
Seminole War—1st lieut Mexican War—Cap and bvt col U S A Major

'81, *Mead, Charles W †
Spanish-American War—1st lieut, Co D, 1st Mont Inf, chief of scouts, capt 36th U S Vol Inf, bvt maj

'51, *Mead, John B T †
Civil War—1st lieut and adjt, 28th Ill Inf, died of wounds received in battle

'04, Mead, Royal L †
Sergt, U S Marine Corps

'57, *Merriman, Edgar C †
U S N—Commander

'58, Messenger, George†
Civil War—1st sergt 6th Vt Inf, commissary sergt, 2d division 6th army corps

'27, *Miles, Smith M †
Mexican War—surg, Ga Vols,

'44, Miller, John E †
Mexican War—served as Col F B Ransom's orderly Civil War—1st lieut and q m, 33d N J Inf

'45, *Milroy, John B †
Civil War—maj 9th Ind Inf, commanded regt

'43, *Milroy, Robert H.†
Mexican War—capt, 1st Ind Inf, Civil War—col 9th Ind Inf, maj gen, U S Vols

'23, *Mooers, John W †
U S N—lieut.

'64, *Mooers, Frederick W †
Civil War—acting 3d asst eng, U S N July 14 1863, hon disch March 26, 1867

'54, *Morey, Arthur P †
Civil War—drill master Vt Inf, pvt 7th squadron R I Cav, capt, 22d, U S C I, bvt maj U S Vols

'05, Morrill, William H †
U S N—electrician

'36, *Morris, Henry V †
Civil War—1st lieut and adjt, 20th Wis, Inf, maj Vet Relief Corps

'54, Morris, Thomas E
Civil War—maj, 15th Mich Inf

'59, Moseley, C Henry
Civil War—1st sergt 61st Mass Inf

'63, *Moses, Rufus L †
Civil War—1st sergt, 3d Vt Inf

'51, *Mower, Albion J †
Civil War—recruiting officer of the 3d, 6th and 9th Vt Regts capt, 9th Vt Inf

'43, *Mower, Joseph A †
Mexican War—pvt eng, Civil War—maj gen, U S Vols, col, U S A

'08, Muller, Hollis L
U S A—2d lieut

'54, *Munson, William D †
Civil War lieut col, 13th Vt Inf, recruiting officer in Ct and Vt

'38, Murray, John C
C S A Cap

'40, *Myrick, Cyrus†
Canadian Rebellion—1st lieut and drill master "Patriots' Army" Mexican War—served with General Scott's army, private "Desert Tigers," during the Indian outbreak in Minn

'41, *Nalle, Benj F †
Civil War—capt, Co A, 13th Va Vols, C S A, col, Va Mil, C S A

'49, Neil, John L
Capt, 9th Ky Cav

'66, *Needham, William C H †
Civil War—pvt Co G 60th Mass Inf

'39, *Nelson, William†
U S N—lieut commander, served in Mexican War, major general, Civil War

'47, Nevins, George W
While engaged in a filibustering expedition to Cuba he was captured and shot at Manzanzas, May 25 1850

'48, Nevins, Morris Stanley
See Stanley Morris Warner

'47, *Newman, Asahel C
Civil War—clerk, U S q m dept

'45, *Newman, William A †
Mexican War—2d lieut, 9th N E Inf, bvt 1st lieut, captain White House" guards

'62, Nichols, Henry B
Civil War—capt 19th Wis Inf

'26, *Noble, William H †
Civil War—col, 17th Conn Inf, bvt brig gen, U S Vols, brig commander

'23, Norris, James
Asst surg, U S N Dec 10, 1814, resigned June 20, 1826

'45, Nourse, Ira
Civil War—pvt, 3d Wis Cav and is said to have served in the Ill Cav

'45, *Noyes, David K
Raised company of Wis Vols for Mexican War, Civil War—1st lieut, 6th Wis Inf, lieut col, 19th Wis Inf

'64, Noyes, Edward H
Civil War—pvt, Co B 7th Squadron R I Cav

'64, Osgood, Charles H
Civil War—2d lieut, Brockett's Battln Minn Cav

'64, Osgood, John H †
Civil War—capt, 116th U S C I

'67, *Otis, George E
Civil War—pvt, 6th Mass Inf

'58, *Page, Frank A †
Civil War—pvt, 4th Vt Inf 2d lieut, V R C 1st lieut and bvt capt, U S Vols, 2d lieut, U S A

'67, *Papanti, Augustus L †
Civil War—pvt, Co B, 7th Squadron R I Cav, capt 2d Mass Cav

'49, Parker, Benjamin W
Civil War capt, 5th Mass Inf

'59, Parker, Charles E
Civil War—capt, 7th Vt Inf

'59, *Parker, Edgar
Civil War—asst surg, 13th Mass Inf

'59, Parker, George
Civil War—capt, 6th Vt Inf

'63, Parker, James V
Civil War—pvt, Co B, 7th Squadron R I Cav

'08, Parker, Sylvester M.†
2d lieut, U S Constabulary force, P I

'59, *Parker, William T
Capt 1st Me H Art, was killed in the battle of the Wilderness

'63, *Parmenter, Daniel W.†
Civil War—enlisted in the 32d Mass Inf, 2d lieut, 10th U S C I, killed in battle

'63, Parsons, John W †
Civil War—asst surg 24th Mass Inf

'45, *Partridge, Frederick W †
Mexican War—officer, Penn Vols, Civil War—lieut col, 13th Ill Inf, bvt brig gen, U S Vols

'49, Partridge, William †
Civil War—1st lieut, 43d Wis Inf, capt, U S Topographical Eng

'28, *Patton, Benjamin F †
Capt Ga troops during the Indian War in the thirties

'43, *Paul, William P †
Civil War—capt and q m Tenn Vols, C S A, maj, on staff of Gen W H Jackson

'23, *Paulding, Hiram†
Rear Admiral, U S N, served in the War of 1812, the Mexican and Civil Wars

'59, Peck, Lewis M †
Civil War—capt 67th N Y Inf, col, 173d N Y Inf, bvt maj gen, U S Vols

'61, *Peirce, Frank C †
Civil War—capt, 6th Me Vols

'46, *Peirce, Horace T H †
Civil War—1st lieut, 1st N H Inf; capt, 5th N H Inf

'56, *Penniman, Luther L †
Civil War—asst pymr, U S N

'46, *Pennock, Joseph N.†
Civil War—1st lieut and adjt, 7th Mo. Cav

'46, *Perkins, Marshall †
Civil War—capt, and asst surg, 14th N H Inf

'42, Perkins, William E
Civil War—capt, 3d Mass Inf

'23, *Perry, Carlton H †
Black Hawk War—officer, Ill troops, Mexican War—appointed col, Civil War—maj, 3d Ia Vol Cav

'80, Peters, Edward McC †
Spanish-American War—lieut, U S N

'52, Phelps, Charles
Civil War—1st lieut, 37th Mass Inf

'64, *Phelps, Dudley F †
Civil War—1st lieut and adjt, 20th U S C I

'55, Phelps, Egbert†
Civil War—capt, 19th U S Inf

'23, *Phelps, Elisha E †
Civil War—lieut col and brig. surg, U S Vols

'64, *Phillips, Henry M †
Civil War—pvt, Co B, 7th Squadron, R I Cav, 1st lieut and bvt capt, 4th Mass Cav

'62, *Phillipes, Walter A †
Civil War—1st lieut, 2d Vt Inf 2d lieut, 13th Vt. Inf, 1st lieut, 3d Batt'y Vt. Lt Art

'02, Phinney, Robert T †
U S A—2d lieut

'46, *Pierce, John S †
Civil War—capt, commissary dept, C S A

'24, *Pitkin, Samuel L †
Served in the Mexican War

'92, Pond, Erasmus A †
Philippine Insurrections—surg, U S A

'59, Porter, Benjamin F
Civil War—1st lieut Mich Inf, capt and asst q m, U S Vols

'67, *Porter, James E †
1st lieut, 7th U. S Cav, killed in "Custer's last fight"

'57, Porter, John H
Civil War—bvt capt, and asst surg, U S Vols

'42, Porter, William
Civil War—capt, 48th Ky Inf.

'43, *Post, Frederick S
Mexican War—1st sergt, 7th N Y Inf

'64, *Post, Henry G †
Civil War—1st sergt, 10th Vt Inf, transferred to the regular army

'56, *Potter, Lorenzo†
Civil War—1st sergt, 40th Wis Inf, 1st lieut, 8th Ill Inf

'01, Potter, Robert J †
Spanish-American War—private, 1st Vt Inf

'24, *Prentiss, George A †
U S N—Commodore, served in the Mexican and Civil Wars

'45, Preston, Simon M †
Civil War—drill master, Ill Vols 1st lieut, and q m, 15th Ill Inf, asst adjt gen, U S Vols, col, U S C I., bvt brig. gen, U S Vols

'52, Preston, Sylvester S
Civil War—capt, and asst q m, U S Vols

'59, *Quimby, Asahel H †
Civil War—corp, 8th N. H Inf, trans to 112d Co, 2d battl'n V R C

'83, *Ramsay, John W †
Clerk in the U S A, 1882-83

'64, Rand, Frederic H †
Civil War—1st lieut, 1st Mass Cav capt, 4th Mass, capt, 1st battl'n Cav, "Frontier Service"

'25, *Randolph, Daniel L
U S N—Midshipman

'51, *Ransom, Dunbar R †
Capt and bvt col, U S A, served in Civil War

'68, Ransom, Frederick E †
Civil War—2d lieut, Co E, 11th Ill Inf

'51, *Ransom, Thomas E G †
Civil War—Col, 11th Ill Inf, brig gen and bvt maj gen, U S Vols, commanded 17th Army Corps, died of disease contracted in the service

'25, *Ransom, Truman B †
Prof Mathematics, U S N, Mexican War—Col, 9th U S Inf, killed in the battle of Chapultepec, Mexico

'49, Rehrer, Erasmus G
Civil War—lieut, 28th Pa Inf, capt, 129th Pa Inf

'25, *Rhodes, Hillary H
U S N—lieut

'60, *Rice, Edmund †
Civil War—capt, 14th Mass Inf, col, 19th Mass Inf, Spanish-American War—lieut col and inspector gen, U S A, col, 6th Mass Inf, P I—col, 26th U S Inf, brig gen, U S V

'53, *Rice, George M †
Civil War—2d lieut, 2d Mass H Art, master, U S N, died at sea

'40, Rice, James
Civil War—leader, 5th Vt regimental band, capt, Co F, 11th Vt Inf, 1st Vt H Art

'65, *Rice, Thomas G †
Civil War—1st sergt 2d Me Cav, 2d lieut, U S A Cav, died of disease contracted in the service

'00, Rich, Richard G †
Spanish-American War—corp, 1st Vt Inf

'65, Richards, J Swift†
Civil War—sergt, 60th Mass Inf

'61, *Richardson, Roderick Julius †
Civil War—asst pymr, U S N

'25, *Ridgely, Samuel Chase †
U S A—lieut, served in Black Hawk and Seminole Wars, capt, U S A, served in Mexican War; bvt maj, U S A

'64, Roberts, Benjamin K †
Civil War—2d lieut, 2d Ia Cav, capt, and asst adjt gen, U S V U S A—brig gen, served in the Spanish-American War

'49, *Robinson, Calvin L †
Civil War—drill master, Fla Vols, provost marshal in Florida

'61, Robbins, Henry A †
Civil War—surg, 2d Wis Inf, served in National Guard of France with rank of major during the siege of Paris in 1870

'10, Robinson, Frank L †
3d lieut, U S Constabulary P I

'03, Robinson, William F †
U S A—2d lieut

'56, *Roelofson, Frederick E †
Civil War—1st lieut, 2d Ky Inf

'59, *Rolfe, John M †
Civil War—2d lieut, 13th Vt Inf

'91, *Riggs, Clarence B †
Spanish-American War—sergt, 8th N Y Inf, pvt, 2d Regt, U S Vol Engineers

'09, Rowe, Guy I †
U S A—2d lieut

'24, *Russ, John D †
Chief surg and drill master, Grecian Army, 1827-32

'51, *Russell, Frederick W †
Civil War—capt, Conn Vols

'63, *Sabine, Albert †
Civil War—1st lieut, U S A, died of disease contracted in the service

'64, *Sabine, John †
Civil War—pvt, 3d Vt Inf, killed in battle

'51, Saben, William S
U S Vols lieut col

'61, *Saltmarsh, Edward C. †
Civil War—2d lieut, U. S. M. C, 1st lieut, U S M C.

'57, Sanborn, George W.
Civil War—2d lieut, 11th Mass Batt'y Lt Art

'58, Sayles, Charles F †
Civil War—Civilian employee, q m dept, Army of the Potomac 1862-65

'64, *Sawyer, Francis A †
Civil War—pvt, Mass Vols

'56, *Schall, Edward †
Civil War—lieut col, 4th Pa Inf; capt, 51st Pa Inf

'56, *Schall, Edwin †
Civil War—maj, 4th Pa Inf, col 51st Pa Inf, killed in the battle of Cold Harbor

'55, Schall, John M †
Civil War—1st lieut, 2d Pa Inf, col, 87th Pa Inf, commanded brigade, received medal of honor Spanish-American War—col 6th Pa Inf and brigadier general

'56, Schall, Reuben J †
Civil War—capt, Co D, 4th Pa Inf

'50, *Scripture, Stephen A †
Civil War—pvt, Co D 1st N H Inf was later in charge of army bakeries at New Orleans, La

'25, *Screven, Richard B †
U S A—capt and bvt lieut col, Seminole and Florida Wars—1st lieut, Mexican War—capt

'28, *Seaton, Augustine F †
U S A—2d lieut

'59, Seaver, Thomas O †
Civil War—col, 3d Vt Inf, received Congressional Medal of Honor

'09, Selleck, Andrew C. †
U S A—2d lieut

'45, *Sessions, Milan H †
Civil War—capt, 21st Wis Inf

'51, Sewell, William R
U S Vols—capt

'52, *Seymour, Epaphroditus H †
Civil War—engineer, U S N, died of disease contracted in the service

'29, *Seymour, Thomas H. †
Mexican War—maj, 9th U S Inf, lieut col, 12th U S Inf, bvt lieut col, U S A

'44, *Seymour, Truman †
Brig gen, U S Vols, bvt maj gen, U S Vols, corps commander, served in the Mexican and Civil Wars

'64, *Shattuck, Abbott A †
Civil War—drill master, Mass Vols corp, 9th Mass Vols, capt, 25th U S C I

'60, Shattuck, Samuel W †
Civil War—drill master, Vt Vols, sergt maj 6th Mass Inf, adjt and capt, 8th Vt Inf, brigade adjt

'39, *Shedd, Warren †
Civil War—col, 30th Ill Inf, brig commander, bvt brig gen, U S Vols

'42, Shepard, Benjamin F.
U S Vols—colonel

'78, Sherman, Frederick F. †
U S N—chaplain

'41, *Shields, James V A †
Mexican War—sergt maj, Mo Vols, Civil War—1st lieut and adjt, 2d regt, q m employees, Washington D C

'91, Shuttleworth, Edward A †
U S A—capt, staff officer during Spanish-American War

'00, Sibley, Bertrand W †
Spanish-American War—corp, 1st Vt Inf, capt U S Marine corps

'32, *Simmons, Seneca G †
U S A—major, Civil War—col, 5th Penn reserves, brig commander, died of wounds received in battle, served in Seminole and Mexican Wars

'96, Skinner, Leon A †
Spanish-American War—priv, 1st Vt Inf

'47, *Slafter, Judson †
Civil War—1st sergt, 23d Mich Inf, died of wounds received in battle

'64, *Slayton, Henry L †
Civil War—drill master, N H Vols, capt, 2d U S C. I.

'61, *Sleeper, Van B †
Civil War—sergt 2d Vt Inf, transferred to the signal corps

'25, *Slidell, William J.
U S N—midshipman, 1825-28

'51, *Smalley, Henry A †
Civil War—col, Vt Inf, capt U S Artillery, bvt brig gen U S, Vols

'59, *Smalley, Jacob M.†
Civil War—master U S N

'56, Smith, Alonzo E
Civil War—pvt Co K, 1st Vt Inf

'67, *Smith, Charles W
Civil War—pvt, Co B, 7th Squadron, R I Cav

'08, Smith, Dwight F †
U S Marine Corps—2d lieut

'61, *Smith, Elias F
Civil War—drill master, N H Vols, capt 16th N H Inf, capt, 18th N H Inf, appointed colonel but not mustered

'45, Smith, E. H.
Civil War—2d lieut, 89th N Y Inf, capt, 10th N Y, H Art

'48, *Smith, George C †
Civil War—1st lieut and adjt, Ind Regt, capt and adjt gen, U S Vols

'64, *Smith, George W †
Civil War—capt and bvt maj, U S A

'04, Smith, Harry O †
U S Marine corps—1st lieut

'25, *Smith, Israel D
U S Navy—midshipman

'25, *Smith, James M
U S N—surgeon

'67, *Smith, Jesse B †
U S N—lieut

'53, *Smith, Nathan A C †
Civil War—1st lieut 12th Wis Inf, 1st lt, 32d Wis Inf

'60, *Smith, Sumner T †
Civil War—mate, U S N

'37, *Smith, Timothy D.†
Civil War—capt and asst q m, Minn Vols

'25, *Smith, William S
U S N—passed midshipman

'41, *Snow, Asa H.†
Civil War—2d lieut, 9th Vt Inf

'97, *Spafford, William C †
Spanish-American War—musician 1st Vt Inf

'53, *Stancliffe, James M †
Civil War—1st sergt, 20th Conn Inf

'50, *Stanyan, John M †
Civil War—capt 8th N H Inf

'60, *Starr, William†
Civil War—sergt Co A, 3d Battl'n Rifles, Mass Vols

'59, *Stedman, Joseph†
Civil War—sergt, 6th Mass Inf, drill officer of the regiment, lieut col, 12d Mass Inf, was appointed col of th

'41, *Stevens, Justin E †
Mexican War—surg, 9th N E Regt

'65, Stevenson, Holland N †
U S N—ch eng, with rank of commodore U S N

'58, *Stimson, Francis E †
Civil War—1st lieut and bvt, capt, U S A, died of wounds received in battle

'23, *Stockbridge, Joseph†
U S N—chaplain

'05, *Stoddard, Samuel F †
Civil War—musician 8th Me Inf, 1st sergt, 2d Maine Cav, 1st lieut, Maine Coast Guards

'43, Stone, Elias F
Civil War—capt, 89th Ind Inf

'48, Stone, Henry
Civil War—capt, 8th Mass Vols

'38, *Stone, John
Civil War—surg, C S A

'61, *Stoughton, Charles B †
Civil War—col 4th Vt Inf, bvt brig gen, U S Vols

'52, *Stowell, Edwin S †
Civil War—capt, 5th Vt Inf, lieut col, 9th Vermont Inf

'37, *Streeter, Sebastian R.†
Civil War—capt, 61st Mass Inf

'51, *Strobel, Louis M †
Capt Co F, 8th Tex Cav ("Terrys Texas Rangers") C S A

'50, *Strong, George C.†
Maj gen, U S Vols, served in the Civil War

'56, *Strong, William C
Col, in C S A

'70, *Tarbell, Charles G †
Civil War—pvt, 5th Vt Inf, later served in the signal corps

'39, *Tarbell, Jonathan†
Civil War—maj, 24th N Y Inf, col, 91st N Y Inf, brig gen, U S Vols

'54, *Tarr, Daniel B
Recruited company of Mass Vols, for Civil War

'23, *Tattnall, Josiah†
U S N—capt, C S N—commodore

'58, Taylor, Archibald S.†
Civil War—1st lieut, 3d N J Inf, U S M C—major

'26, *Taylor, George W.†
U S N—midshipman, Mexican War—capt 10th U S Inf, Civil War—col, 3d N J Inf, brig gen, U S Vols, died of wounds received in battle

'25, *Temple, Robert E †
Mexican War—col, 10th U S Inf

'45, Tenney, Otis M †
Civil War—maj, 2d Ky Cav C S A

'51, *Thomas, Evan W †
Civil War—capt, U S A, bvt maj, U S A, killed in action with the

'54, *Thomas, Hartop P.†
Served with the 17th Army corps during the Civil War

'28, *Thompson, Ebenezer
U S N —carpenter

'23, Thompson, Edward
U S N —master

'62, Thompson, John B.
Civil War—1st lieut , 11th Mass Inf

'48, *Thompson, Samuel J
Civil War—capt , 22d Mass Inf , died of wounds

'57, Thorndyke, Samuel E
Civil War—N Y Vols

'66, Tibbetts, Charles F †
Civil War—musician, 21st Regt band, Maine Vols , 1st sergt , Me Vols

'37, Tilden, Joseph G
Capt , 55th U S C I

'26, Tilden, Thomas B
U S N —midshipman

'64, *Tillinghast, Charles F.†
Civil War—2d lieut and adjt , 7th Squadron R I Cav , 1st sergt , 60th Mass Inf

'34, *Tipton, Spear S †
Mexican War—capt , 1st Ind Inf , 1st lieut , Mtd Rifles, died of disease contracted in the service

'57, Titcomb, Albert P.
Civil War—1st lieut , 7th Me Inf

'25, *Trapier, Paul H
U S N —midshipman, 1825–30

'23, *Trask, Thomas S †
U S A —2d Lieut

'57, *Treadwell, William A †
Civil War—drill officer, U S Vols , capt , 95th N Y Inf , served in the field, capt , 161th N Y Inf , not mustered; capt , 114th N Y , H Art, col , 1st N J Veteran Vols

'53, *Truax, Sewall †
Civil War—maj , Oregon Cav

'47, *Tucker, George †
Civil War—capt , 4th Vt Inf , drill master, several regiments, Army of the Potomac

'30, *Tucker, Stephen S †
Officer in the Seminole War, Mexican War—capt and bvt maj , Ark , Vols , Civil War—col , Confederate Army, appointed maj gen , C S A , served with Gen William Walker in Nicaragua in 1857, with rank of major

'48, *Tucker, William H †
Civil War—ch clerk and cashier commissary dept , Army of Cumberland, later asst q m , in charge of constructing U S Military Rys., disbursing q m , Louisville, Ky

'54, Tukey, Judson Haycock
See Haycock Judson

'59, Tukey, F H. T
Civil War—U S Vols.

'23, *Tullar, Charles †
Black Hawk War—col , Wis Vols , provost marshal, Civil War

'99, *Tupper, John L.†
Spanish-American War—musician, 1st Vt Inf , died of disease contracted in the service

'55, Turner, Thomas
Civil War—capt and asst surg , U S V

'45, Turpin Walter G.
Civil War—capt , Va Vols , C S A

'57, Tyler, George O †
Civil War—capt , 43d Mass Inf "Boston Tigers"

'48, *Tyler, John L. W.†
Mexican War—lieut of Art , Civil War —drill master, Ohio Vols , with rank of capt

'03, Upham, Francis B †
U. S A.—1st lieut

'26, *Van Rensselaer, Henry†
U S A —2d lieut Civil War—col and inspector gen , U S Vols , died of disease contracted in the service

'28, *Varnum, Nathaniel S.
Enlisted in U S A about 1828, and is said to have held a commission.

'55, Vermilye, Washington R †
Civil War—corp , 7th N Y regt , 1861-65

'64, *Vernam, William S †
Civil War—adjt , 175th N Y Inf , asst Ord officer, 19th Army Corps, capt , Co E, 18th N Y Cav

'44, *Wadhams, Albert I †
Civil War—pvt , Co I, 11th Conn Inf

'64, Walcott, Ellis P.†
Civil War—pvt , Co B, 7th Squadron, R I Cav , sergt , 46th N Y Lt. Art , 1st lieut , 8th N Y , H. Art

'64, *Walcott, Franklin H †
Civil War—pvt , Co B, 7th Squadron, R I Cav , sergt maj , 117th N Y Inf

'97, Walker, Charles E.†
Spanish-American War—1st lieut , Maine Vols Signal Corp

'26, Wallace, William M
U S N —midshipman, 1833

'49, *Ward, Frederick T.†
Served with Garibaldi in South America, lieut in the French Army during the Crimean war, captain with Gen William Walker in Nicaragua, Admiral general in command of the Chinese Army, 1858-62

'23, *Ward, James H †
Civil War—capt , U S N , first naval officer to die in the defence of the Union

'01, Waugh, George F.†
Spanish-American War—sergt , 6th Mass Inf , 2d lieut , U S A

'01 Wardner, James M †
Sergt , 1st N H Inf , sergt , 26th U. S. Vol Inf , Philippine Islands

'48, *Warner, Stanley M.†
Mexican War—pvt , Co I, 4th Ohio Vols, Civil War—col , Texas Vols C. S A , in charge of Union prisoners, drill master

'56, Washburn, Daniel W.
Civil War—1st lieut , 70th N Y. Inf

'62, Washburn, Justus W F.†
Civil War—pvt , Mass. Vols , appointed 1st lieut , U S C I , but did not serve owing to the close of the war

'55, Waterman, Arba N †
Civil War—lieut col 100th Ill Inf

'60, *Webb, Charles A †
Civil War—1st lieut Vt Inf, maj U S A, served in Indian Wars

'92, Webb, DeWitt C †
U S N—civil engineer

'28, *Webb, Henry†
Seminole War—lieut col, Ala Vols, Civil War—Eng, C S A

'59, *Welles, Samuel†
Civil War—civil engineer, U S N

'68, *Wentworth, William H †
Civil War—pvt, 184th, N Y Inf

'48, *Weston, Edmund †
Civil War—capt Co I, 1st U S Sharp Shooters

'28, *Wessels, Henry W.†
Mexican War—capt and bvt. maj, U S A lieut col, Civil War—col, 8th Kan Inf, brig gen, U S V

'66, Wellman, Samuel T †
Civil War—corp, 1st N H, H Art

'01, Wheatley, Charles E †
U. S. Art—capt

'59, Wheeler, Holland†
Civil War—drill master, Kan Vols; capt, 3d Kan Militia, Ordnance Officer

'03, Wheeler, Merrill D.†
U. S A—2d lieut

'98, Wheelock, Clarence D †
Spanish-American War—pvt, 1st Vt Inf

'67, Wheelwright, Charles S †
Civil War—pvt, Co G, 60th Mass Inf

'37, *Whipple, Thomas J †
Mexican War—1st lieut and adjt, 9th U S Inf, Civil War—lieut col, 1st N H Inf col, 4th N H In

'67, White, Arthur W.
Civil War—pvt, Co B, 7th Squadron, R I Cav, 1st lieut, Ohio Lt Guard Cav, or President Lincoln's body guard

'52, *White, George R †
Civil War—1st lieut and adjt, 11th Ia Inf, recruiting officer

'41, *White, Thomas W †
Civil War—capt, Ga troops, C S A, capt, C S engineers.

27, *Whiting, William B
U S N—commodore

'66, *Whittier, James A L
Civil War—pvt, Co G, 66th Mass Inf

'64, Whitmore, Adin H.†
Civil War—2d lieut, 16th Vt Inf

'70, Willard, George M †
Clerk in pymr's dept, U S A

'08, Wilder, Myles S †
2d lieut, U S Constabulary force, P I

'03, Williams, Allan R †
U S A—2d lieut.

'41, *Williams, Seth†
Mexican War—1st lieut, U S A, Civil War—adjt gen Army of the Potomac, brig gen, U. S A, bvt maj gen, U S A

'03, Williams, Seth†
U S Marine corps—capt

'56, Williston, Edward B †
Civil War—capt and bvt maj, U S A, brig gen, U S A, was military gov of Havana, Cuba, during Spanish-American War, provost marshall gen of Manila

'48, Wilson, Alfred C
Civil War—lieut col, 47th Ky Inf

'41, Winn, John
Civil War—Capt Va troops, C S A

'57, Wood, Henry C.†
Brig gen, U S A, served in Civil and Spanish-American Wars

'58, Wood, Luther H.
Civil War—capt and commissary 2d Kan Inf

'65, *Woodman, Edward
U S N—lieut

'52, *Woodward, Solomon E †
Civil War—1st lieut, 1st Vt Inf, capt, U S A and bvt maj

'57, *Worthen, Harry N †
Civil War—maj, 1st Vt Inf, lieut col, 4th Vt Inf

'32, *Wright, George†
U S A—brig gen, served in the Seminole, Mexican and Civil Wars.

'37, *Wright, Horatio G.†
Civil War—maj gen and corps commander, U. S. A.—brig. gen

'62, *Wright, Henry J
Civil War—sergt, 6th Vt Inf, 1st lieut, 3d Vt Lt Batt'y

'42, *Wright, Joseph C
Civil War—lieut col, 72d, Ill Inf died of wounds received in battle

'52, *Wright, Leonard J †
Civil War—capt, 9th Mich Cav.

'49, *Wright, Thomas F †
Served with William Walker as lieut in Nicaragua, Civil War—1st lieut and q m, 2d Cal Cav, col, 2d, Cal Cav, bvt brig gen, U S Vols

'56, *Wright, Thomas K. G.
Civil War—corp, 6th Vt Inf, served in the 12th Mich Vol, capt, U S C I.

'47, *Wyman, George H †
Civil War—lieut in the Ohio militia, in service in Ohio and Ky

'67, *Wyman, Silas W †
Civil War—pvt, Co D, 60th Mass Vols

'29, *Yturbide, Prince Augustin de Jerome†
Colonel on staff of Gen Simon Bolivar in South America

SERVICE OF THE ALUMNI AND PAST CADETS BY STATES

Alabama

Seminole War—Augustus Howard, '26, officer, Henry Webb, '28, lieut col
Civil War (C. S. A.)—Thomas P Ashe, '46, col

Arkansas

Mexican War—S S Tucker, '30, capt

California.

Civil War—**2d Inf**—T F Wright, '49, col, **4th Inf**—Henry Hancock, '43 Major

Colorado

Civil War—**1st Inf** J O Buel, '61, 1st lieut

Connecticut

Mexican War—**9th U S Inf.**—(Old 9th New England), T H Seymour, '29, Major, S L Pitkin, '25, officer

Civil War—F W Russell, '51, capt, **1st Inf** G C Jarvis, '52, asst surg, **7th Inf**—G C Jarvis, '52, surg, **9th Inf**—A G Hall, '55, 1st lieut and adjt, **11th Inf**—A I Wadhams, '44, pvt, **17th Inf**—W H Noble '26, col **18th Inf.**—H C Day, '61, capt, **20th Inf**—J M Stancliffe, '53, 1st sergt, **25th Inf**—Aaron Kinne, '56, 1st sergt, W H Russell, '28, and E W N Starr, '29, drill masters

Florida.

Seminole War—Vols—A F Holmes, '26, maj
Civil War—C L Robinson, '49, drill master and provost marshall, Union Army

Georgia

Seminole War—Vols.—H E W Clark, '33, and B F Patton, '28, capts, H D W Alexander, '26, 1st lieut

Mexican War—Vols—S M Miles, '27, asst surg

Civil War—(C S A) **11th Inf**—C H Deming, '50 capt, **7th Cav**—W J DePonney, '61, 1st sergt, "**McCollister's Squadron**" **Cav**—W J DePonney, '61, 1st lieut, Surgeon Vols (C S A) John Stone, '38, Eng (C S A) Thomas W White, '41, capt

Illinois

Black Hawk War—Vols—C H Perry, '23, officer

Mormon War—M R Deming, brig gen, in command of state troops

Civil War—**8th Inf**—Charles E Denison, '45, captain, Lorenzo D Potter, '56, 1st lieut, **9th Inf.**—L D Bishop, '46, maj, **11th Inf**—T E G Ransom, '51, col, F E Ransom, '68, 2d lieut, H L S Haskell, '46, pvt, (elected 2d lieut), **13th Inf** F W Partridge, '45 lieut col, **15th Inf.**—S M Preston, '45, 1st lieut and q m, also state drill master, **28th Inf.**—J B T Mead, '51, 1st lieut and adjt **30th Inf.**—Warren Shedd '39 col **38th Inf.**—Charles Fox, '44

capt , 51st Inf —W H Greenwood, '52, capt , 55th Inf —J C Crooker, '43, capt , 72d Inf —J C Wright, '42, lieut col , 83d Inf —J M Gilson, '40, capt , 88th Inf —G S Hubbard, '56, capt , 100th Inf.—A N Waterman, '55, lieut col , 7th Cav —W P Kellogg, '48, col , 8th Cav E S Kelley, '54, maj , 12th Cav.—B M Gilman, '57, pvt , 2d Reg Art —I B Fenton, '57, 1st lieut , Cav —Ira Nourse, '45, pvt

INDIANA.

Mexican War—1st Inf.—R H Milroy, '43, capt , S S Tipton, '33, capt.

Civil War—G. C Smith, '48, 1st lieut and adjt , 22d Inf George Hopkins '64, capt , 9th Inf.—R H Milroy, '43, col (major gen), J B Milroy, '45, maj , 58th Inf —G P Buel '56, col bvt brig gen , 87th Inf —Newell Gleason, 49, col and bvt brig gen , 89th Inf.—E F Stone, '48, capt , 138th Inf.—William Hebard, '64, 1st lieut

IOWA

Civil War—2d Inf —N B Howard, '60, col , 4th Inf —G M Dodge, '51, col , (maj gen), 11th Inf —G R White, '52, 1st lieut and adjt , 12th Inf — J E Ainsworth, '53, capt , 19th Inf.—J S Gray, '64, capt , 2d Cav —Edward Hatch, '50, col , (maj gen), B K Roberts, '64, 2d lieut , 3d Cav.— C H Perry, 23, maj , 6th Cav.—C J Ford, '52 asst surg and capt

KANSAS

Civil War—1st Inf —O E Learnard, '55, col , State Militia, David Hubbard, '57, capt , 2d Inf.—L S Wood, '59, capt and commis , 3d Inf — Holland Wheeler, '59, capt and ord officer, 6th Inf —Edward E Harvey, '51, capt , 8th Inf —H W Wessells, '29, col , brig gen , H H Gillum, '50, capt and q m vols

KENTUCKY

Civil War (Union)—William Nelson, '39, maj gen of vols , 2d Inf — F E Roelofson, '56, 1st lieut , 47th Inf —A C Wilson, '48, lieut col , 48th Inf —William Porter, '42, capt , 9th Cav —John L Neil, '49, capt , 2d Cav — (C S A)—O S Tenney, '45, maj

LOUISIANA

Seminole War—Vols —William Hull, '32, 1st lieut

Civil War—1st Inf (C S. A.)—F H Farrar, '56, lieut col , 30th Inf. (C. S. A.)—G A Breaux '47, col , 2d Inf (Union Guards)—A G Hall, '55, lieut.

MAINE

Civil War—2d Inf —C V Lord, '55, capt and q m , 3d Inf.—F W Galbraith, 64, 2d lieut and staff officer; 6th Inf —C A Curtis, 61, drill master, F C Pierce, '61, capt , 7th Inf —A P Titcomb, '57, 1st lieut , 8th Inf —S F Stoddard, 65, musician, 11th Inf —S B Bean '34, 1st lieut 12th Inf — Albert Buswell, '47, asst surg , 14th Inf —A P Titcomb, '57, 1st sergt , 21st Inf —C F Tibbetts, '66, musician and 1st sergt , 22d Inf —S W Knowles, '58, 2d lieut , 30th Inf —A P Titcomb, '57, sergt , 1st H Art.—William Parker, '59, capt , 2d Cav.—S W Knowles, '58, capt T G Rice, '65, 1st sergt ; S F Stoddard, '65, 1st sergt , Coast Guards—S F Stoddard, '65, 1st lieut

Spanish—American War—1st Inf —C S Carleton, '96, capt , Signal Corps—C E Walker, '97, 1st lieut

MARYLAND

Civil War (C S A)—John S Pierce, '46, capt and quarter-master

MASSACHUSETTS

Mexican War 1st Inf – C B Crowningshield, '42, capt W W H Davis, '42, capt , J C Crowninshield, '15, lieut , **9th U S Inf** (Old 9th New England), J E Stevens, '41, surgeon

Civil War Vols F W Lander, '41, brig gen , 1st Inf William Gerrish, '61, pvt , R J Cowdin, '59, pvt , 2d Inf W E Perkins, '42, capt , 5th Inf.—Benjamin Parker, '49, capt , George Buttrick, '56, corp , 6th Inf — J Q A McCollister, '53, asst surg , S W Shattuck, '60, sergt maj , G W Hobbs, '59, 2d lieut , W L Farrar, '56 1st lieut and q m , Joseph Stedman, '59, sergt , G W Childs, '67, corp , A A Shattuck, 64, corp , George E Otis, '67 pvt 8th Inf — Henry Stone, '48, capt , 9th Inf - F M Lincoln, '50 asst surg , 10th Inf -F A Barton '26, drill master and chaplain, 11th Inf — J B Thompson, '62, 1st lieut , 12th Inf J H Baxter, '54, surgeon 13th Inf — J P Gould maj , Edgar Parker, '59, asst surg , 14th Inf.—Edmund Rice, '60, capt , 19th Inf – Edmund Rice, '60, col , H A Hale, '61, capt , 20th Inf – W R Lee, 25, col Edmund Rice, '60 capt , 21st Inf — G E Davis, '51, 1st lieut and adjt , 22d Inf —Jesse A Gove, '49, col , C. E Griswold, '49, col , S J Thompson, '48, capt , 24th Inf - J W Parsons, '63, asst surg , 25th Inf.—A W Cooke, '69, 1st sergt , T A Earle, '52, 1st lieut , 27th Inf – W S Goodwin, '63, 1st lieut , E W Foster, '59, leader of band, 32d Inf – Charles Bowers, '52, capt , D W Parmenter, '63, pvt , 35th Inf — F M Lincoln '50, surg , 37th Inf —Charles Phelps, '53, 1st lieut ; 42d Inf — Joseph Stedman, '59, lieut col , C W Gragg, '65, pvt , 43d Inf.—G O Tyler, '57, capt , William Fiske, '67, pvt , 48th Inf.—G B Blodgette, '67, corp , 53d Inf.—J Q A McCollister, '53, surg , 56th Inf —C E Griswold, '54, col , H G Coffin, '67, and R J Cowdin, '59 capts , 57th Inf —A W Cooke, '69, capt , 59th Inf —J P Gould, '49, col G W Field, '60, capt , 60th Inf , Co. G—1st sergts , C F Tillinghast, '64 and F H McCulloch, '64, sergt , J S Richards, 65, privates, C S Bird, '67, W S Blackington, '66, E G. Burkham, '66, G A Davis, '67, H H Head, '66, H A Howard, '65, A B. Lowe, '67, W C H Needham, '66, F A Sawyer, '64, C S Wheelwright, '67, J A L Whittier, '66, S W Wyman, '67, 61st Inf —S R Streeter, '37, capt , C H Mosely, '51, 1st sergt , captain and enrolling officer State troops, C F Ashcroft, '63, **Unattached Inf Co.**—W E Farrar, '56, 2d lieut 3d Batt'l Rifles Vols — William Starr, '60, sergt ; 2d H Art —G M Rice, '53, 2d lieut , 7th Battery— W E Farrar, '56, 1st lieut , 11th Battery Lt Art —G W Sanborn, '57 2d lieut , 1st Cav —F H Rand, '64, capt ,2d Cav —H E Alvord, 63, maj , A L Papanti, 67, capt , 4th Cav —H M Phillips '64, 1st lieut and bvt capt

Spanish-American War—5th Inf —F T Austin, '88, 1st lieut and adjt H L Keith, '97, corp , 6th Inf —Edmund Rice, '60, col , G F Waugh, '01, sergt Provisional Co (Lowell)—B W Farnham, '91, 2d lieut , Provisional Co (Greenfield) S D Conant '72 1st lieut

Michigan

Black Hawk War.—C K Green, '26, col , Oren Marsh, 25, capt

Mexican War—Oren Marsh, '25, capt

Civil War—1st Inf —B F Porter, '39 1st lieut , 2d Inf C N Baker, '39, maj , 3d Inf —W S Burton, '35, maj ; 4th Inf —J W Childs, '38, col , W A King, '39, 1st lieut , 9th Inf —L J Wright, '32, capt 12th Inf —T K G Wright, '36, pvt , 15th Inf —T E Morris, '34, maj , 20th Inf —Elisha Hammond, '14, capt , 3d Inf —Judson Slafter, '47, 1st sergt , 24th Inf —C A Hoyt, '63, capt

Minnesota

Indian Wars H W Holley, '50, capt , state troops on frontier duty , Cyrus G Myrick, '40 "private" Lesueur Tigers "

Civil War—1st Inf —James Hollister, '35, 1st lieut , 4th Inf L L Baxter, '34, maj ; 8th Inf —E H Cutts, '50, 1st lieut , 9th Inf —W R Baxter, '31, capt 2d Inf —D W Parmenter, '63, pvt , 1st H. Art —L L Baxter, '34, col , Brackett's Batt'l Cav C H Osgood, '61, 2d lieut , capt and asst q m , T D Smith, '37

Mississippi

Civil War 2d Inf Enrolled militia (Union) L B Fuller, '61, capt

Missouri

Mexican War—Clark's Batt'l Vols —A J Dorn, '41, 1st lieut , Eaton's Batt'l Inf —J V A Shields, '41, sergt maj , Vols.—Henry Hancock, '43, capt

Civil War State Militia—G M Dodge, '51, maj gen , C B Burnham, '39 col and q m gen , F F Fletcher, '57, officer , 30th Inf —B G Farrar, '45' col and bvt brig gen , 60th Inf —A C Marvin, '39, col , 7th Cav.—A C Marvin, '39, and J N Pennock, '46, 1st lieut and adjts , 12th Cav —P R Kendall, '49, 1st lieut and q m , 2d Lt. Art.—Napoleon Boardman, '17, capt

Montana

Spanish-American War—1st Inf —C W Mead, '81, 1st lieut

Nebraska

Indian Wars—S N Enfield, '50, captain militia

New Hampshire

Mexican War—9th U S Inf —(Old 9th New England)—T J Whipple, '37, 1st lieut and adjt , J A Gove, '49, 1st lieut

Civil War—1st Inf T J Whipple, '37, lieut col , H T H Pierce, '16, 1st lieut , C O Bradley, '63, 1st sergt , S A Scripture, '50, musician, Walter Aiken, '53 pvt , 2d Inf.—G H Carter, '54, major G P Greeley '50, asst surg , 3d Inf —William Coffee, '49, sergt , Lewis Kimball, '63, pvt , 4th Inf.—T J Whipple, '37, col , G P Greeley, '50, surgeon, D L M Cummings, '48, asst surg , 5th Inf —C H Long, '35, capt , H T H Pierce, '45, capt , G W Balloch, '47, 1st lieut and staff officer, 7th Inf.—T A Henderson, '62 lieut col , 8th Inf —J M Stanyan, '50, capt , A H Quimby, '59, corp , 13th Inf.—C O Bradley, '63, capt , 14th Inf.—W H Chaffin, '64, capt (acting lieut col), Mars

W B Haven, '63, 1st lieut , 17th Inf —H O. Kent, '54, col , C H Long, '55, lieut col , C. N Kent, '64, 1st lieut and adjt , 18th Inf —E F Smith, '61, capt (elected col), 1st H. Art —C H Long, '55, col C O Bradley, '63, capt , S T Wellman, '66, corp , 1st Cav.—G E Gilman, '67, 1st lieut , Vols.—Edwin Guild, '56, pvt

Lafayette Artillery—S N Hartshorn, '56, private

Spanish-American War—1st Inf —G H Clark, '02 and J M Wardner, 01, sergts

NEW JERSLY

Mexican War—Capt U S. A.—G W Taylor, '26

Civil War—3d Inf.—George W Taylor, '26, col (brig gen), A S Taylor, '58, 1st lieut and adjt 5th Inf —T W Eayre, 61, 1st lieut and adjt (capt and staff officer), 33d Inf J A Miller, '44, 1st lieut and q m

Veteran Vols —W A Treadwell, '57, col

Spanish-American War—E McC Peters, '80, lieut U S N

NEW YORK.

Mexican War—7th Inf.—H. S Burton, '37, lieut. col , F S Post, '13, 1st sergt

Civil War -2d Inf — G V Boutelle, '59, capt , 7th Inf.—W R Vermilye '55 corp , 9th Inf —(Hawkins Zouaves)—E A Kimball, '44, lieut col ; 11th Inf.—E K Aldrich, '66 1st lieut , 16th Inf —Samuel Marsh 39, lieut col , 24th Inf.—Jonathan Tarbell, '39 maj , 31st Inf —R J Cowdin, '59, capt , 67th Inf L M Peck, 59, capt 70th Inf —D W Washburn, '56, 1st lieut , 89th Inf — E H Smith, '45, 2d lieut , 91st Inf.—Jonathan Tarbell, '39, col (brig gen), 95th Inf —W A Treadwell, '57, 1st lieut and commissary , D C Beattie, '17, capt , 98th Inf.—D H Kelton, '64, pvt , 117th Inf.—F H Walcott, '64, sergt maj , 164th Inf —W A Treadwell, 57, capt , 173d Inf —L M Peck, '59, col (bvt maj gen), 175th Inf —W S Vernam, '64, 1st lieut and adjt , 184th Inf —W H Wentworth, '68, pvt , Vols.—S C Thorndike, '57, officer, 8th H Art —E P Walcott, '64, 1st lieut, 10th H Art —E H Smith, '45, capt , 14th H Art —W A Treadwell, 57, capt , 46th Lt. Art —E P Walcott, '64, sergt , Art.—Clinton Adams, 48, capt 18th Cav.—W S Vernam, '64, capt , 21st Cav —G V Boutelle, '59, maj 26th Cav. (Frontier Cav)—G B French, 55, capt , 'Harris Lt Cav."—E M Granger, 64, 1st sergt

Spanish-American War—2d Inf —R D Baker, '96, corp , 8th Inf —C B Riggs, '91, sergt

NORTH CAROLINA

Mexican War—Benjamin Buck, '41, 1st lieut and adjt vols

Civil War—Vols. (C S A)—George Little, '30, col 1st Inf., (Union)—E H Babbitt, '64, 2d lieut

OHIO

Mexican War—4th Inf —S M Warner, '48, pvt

Civil War—G M Bascom, 60, capt on staff of General Cox, 11th Inf —J W Frizell, '44, lieut col , 19th Inf —Thomas Clark, '44, drill master, served at the front, 26th Inf —S M Hewitt, '40, and J K Ewart, '62, captains, 29th Inf —Thomas Clark, '44, lieut col , 32d Inf —S M Hewitt, '40, maj ,

Jay Dyer, '38, capt , 36th Inf —G J Barker, '59, capt , 94th Inf —J W Frizell, '44, col (bvt brig gen), 98th Inf —H H Adams, 65, corp , 136th Inf —S M. Hewitt, '40, surg

Militia Service —G H Wyman, '47

Light Guard Cav (President Lincoln's Body Guard)—A. W. White, '66, 1st lieut , John L W Tyler, '48, state drill master

Oregon.

Civil War —1st Cav —Sewall Truax, '53, maj

Pennsylvania

Mexican War—1st Inf —H C Longnecker, '42, 1st lieut , Vols —F W. Partridge, '45, officer

Civil War—R C Hale, '26, served as brig gen and q m of the state troops, "Barlow Grays' —J F Frazer, 26, pvt , 1st Inf.—J M Schall, '55, 1st lieut , 4th Inf.—Edward Schall, '56, lieut col , Edwin Schall, '56, major, R J Schall, '56, capt , 5th Militia War Service—H C Longnecker, '42, col , 5th Inf — (Reserves)—S G Simmons, '29, col , 6th Inf —J M Schall, 55, col , 9th Inf —H C Longnecker, '42, col , 25th Inf —W W H Davis, '42, capt , 28th Inf —E G Rehrer, '49, 1st lieut , 51st Inf —Edwin Schall, '56, col , Edward Schall, '56, capt , 67th Inf —H B Burnham, '67 lieut col 83d Inf —H S Campbell, '59, lieut col , 87th Inf.—J M Schall, '55, col and bvt brig gen , 104th Inf —W W H Davis, '42, col , division commander, bvt brig gen , 129th Inf —S A Holman, '49, chaplain, and E G Rehrer, '49, capt , Vols —Thomas Bringhurst, '59, capt , 7th Cav —W B Hayes, '63, 1st lieut , Battery F —Lgt Art —Nathaniel Irish, '61, capt , Battery B Lt Art — F P Amsden, '59, capt , officer, Robert Tanner, '64

Spanish-American War—John M Schall '55, brig gen

Rhode Island

Civil War—7th Inf —Jacob Babbitt, '26, maj and Alfred M Channel, '54, capt , Co B —7th Squadron Cav "College Cavaliers"—1st lieut , T H Kellogg, '62, 2d lieut. and adjt C F Tillinghast, '64, sergt maj , C E Bush, '63, 1st sergt , H E Alvord, 63, corporals, George A Bailey, '63 and Douglass Lee, '64 , Privates—(17)—A F Bayard '65, A W Coombs, '64, W S Dewey, '63, W S Goodwin, '63, C W Gragg, '65, A T Hastings '63, W S Hazelton, '64, W A King 59, A P Morey, '64, E H Noyes, '64, A L Papinti, '67, J V Parker '63, H M Phillips, '64, C W Smith, '67 E P Walcott, '64, F H Walcott, '64, A W White, 67

South Carolina

Seminole War —D P Johnston, '26, capt

Tennessee

Civil War—Vols (C S A)—William P Paul, '43, capt and q m , also maj on staff of Gen W H Jackson

TEXAS

Army of the Republic Roswell W Lee, '29, capt , George S McIntosh, '28, officer

Mexican War (C S A) 1st Cav—(Hayes')—John M Barnard, '45, capt , also maj and q m

Civil War—Vols—A J Dorn, '41, col , (brig gen), Vols—S M Warner, 48 col , Artillery—R W Lee, 29, col ; **30th Inf**—L W Goodrich, '57, capt , **8th Cav**—"Terry s Texas Rangers"—L M Strobell, '51 capt , and J C Jackson, 51, pvt Vol Inf—L M Strobell, 51, capt , **30th Cav**—O H. Leland, 54, capt and adjt , "Marsh s Squadron " Cav—O M Marsh, '42, maj

VERMONT.

Mexican War—**9th U S Inf**—(Old 9th New England)—Truman B Ransom, '25 col , E A Kimball, '44, capt , W A Newman, '45, 2d lieut and bvt capt , H O Bigham, '48, drum major , John A Miller, '44, John McNabb, '32 and Cyrus G Myrick, '40, pvts

Civil War—Alonzo Jackman, '36, as brig gen in command of State troops supervised the drilling, instructing and mustering, the State troops, Elisha E Phelps, 23, served as brigade surgeon Curtis S Barrett, '63, capt and q m vols , A D Arms, '37, asst q m , W H Tucker, '47, chief clerk and cashier of the Commissary dept , Army of the Cumberland, also asst q m in charge of construction of U S Military railroads disbursing q m in charge at Louisville, Ky , of transportation of government supplies

1st Inf—H N Worthen, '57, maj , C A Webb, '60 and S E Woodward, '52, 1st lieuts , L G Kingsley, '56, 2d lieut G B French, '55, 1st sergt , A E Smith, '56, pvt

2d Inf—W A Phillipes, '62 and A H Whitmore, '64, 2d lieuts , V B Sleeper, '61, sergt , **3d Inf.**—T O Seaver '59, col , L D Allen, '63, capt L A Chandler, '61 and W A Phillipes, '62, 1st lieuts , R L Moses, '63, 1st sergt , J G Fowler, '58, corp , John Sabine, '64, pvt **4th Inf**—C B Stoughton, '61, col and bvt. brig gen ; H N Worthen, '57, lieut col , George Tucker, '47, capt , G F French, '55, 1st lieut and adjt S A Cady, '64, corp , F A Page, '58, pvt , **5th Inf**—H A Smalley, '51, col and bvt brig-gen , E S Stowell, '52 capt , F T Bickford, '53 and James Rice, 40, musicians, J E Batchelder, '67 pvt , **6th Inf**—E T Jones, '62, drill master and served at the front, W H H Hall, '46, A B Hutchinson, '62 and George Parker, '57, capts George Messenger, '58, 1st sergt , H J Wright, '62, sergt , Edson Hutchinson, '38 and T K G Wright, '56, corps , **7th Inf**—C E Parker, '59 capt , **8th Inf**—E M Brown, '44, lieut col , S W Shattuck, '60 capt and adjt., S H Currier, '52, asst surg , Albert Buswell, '47 and C G Tarbell, '70, pvts , **9th Inf**—E S Stowell, '52, lieut col , A J Mower, '51, capt , W A Dodge, '64, 1st lieut , Asa H Snow, '41, 2d lieut , **10th Inf**—I A Abbott, '64, capt , W R Hoyt, '64, 1st lieut , R W Hunt, '42, corp , H G Post, '64 1st sergt ; **11th Inf.**—(1st H Art)—Charles Hundson, '57, col , James Rice, '40 H W Burrows, '56 and G A Bailey, '63, capts , H C Baxter, '66, 1st lieut and bvt maj , Sardis Bachard, '64, 1st sergt ; **12th Inf**—L G Kingsley, '56, maj , G P Conn, '54, asst surg , J M Bartlett, '47, C H Granger, '67 and A C Marcy '61, pvts , **13th Inf**—W D Munson, '54, lieut col ; J. M Rolfe, '59, and W A Phillipes, '62, 2d lieuts , Pomeroy

Loomis, '56, sergt , 14th Inf —H C Henry, '64, 1st sergt , 16th Inf —A H Whitmore, '64, 2d lieut , C G Cargill, '64, corp , 17th Inf —W B Burbank, '55, 1st lieut , 2d Regt Berdans Sharp Shooters— John W Dewey, '55, capt , Edmund Weston, '48, capt , 1st Cav —Josiah Hall, '61, col , Marcellus Bowen, '68, pvt , 3d Lt Battery—H J Wright, '62, 1st lieut

Spanish-American War—1st Inf —Capt F L Howe '80, 2d lieut , C G Dole, '91, sergt maj , F G Austin, '93, hosp steward, H J Dane, '90, 1st sergt , Gardner Gates, '96, sergts , G F Bailey, '93 and H R Dole, '96, corps , H C Howes, '98, P S Howes, '96, R G Rich, '00, B W Sibley, '00, and C D Wheelock, '98, musicians, W. C. Spafford, '97 and J L Tupper, '99, privates, H R Chadwick, '91, G D Evans, '98, R J Potter, '01, L A Skinner, '96, R B Swinnerton, '99, 1st U S Eng —F M Barstow, '80, 1st lieut

Virginia

Civil War—(C S A)—State Militia, B F. Nalle, '41, col , 1st. Inf —T H Davis, '55, capt , Vols —W G Turpin, '45, capt , Moseby's Rangers, A L C Major, '11, pvt , 13th Inf —B F Nalle, '41, capt , John Winn, '41, capt

Washington, D C

Civil War—"Clay's Batt'l" Inf —G V Boutelle, '59, 2d lieut , 2d Inf.—Q M Employees—J V A Shields, '41, 1st lieut and adjt.

Wisconsin

Black Hawk War—Charles Tuller, '23 and George W Jones, 26, cols

Mexican War—D K Noyes, '45, raised a company for the service

Civil War—1st Inf —G E Bryant, '55, capt , B M. Gilman, '57, pvt , 2d Inf.—C K Dean, '45, 1st lieut and adjt , H A Robbins, '61, asst surg ; J C Chandler, '45, 1st sergt , 5th Inf —H. W Emery, '52, lieut col , 6th Inf.—J P Atwood, '48, lieut col , D K Noyes, '45, 1st lieut ; 8th Inf —G E Bryant '55, drill master , 12th Inf —G E Bryant, '55, col and bvt brig gen , N A C Smith, '53, 1st lieut , 16th Inf —A E Bovay, '41, maj , 19th Inf. —H B Nichols, '62, capt ; 20th Inf —H V Morris, '36, 1st lieut and adjt , 21st Inf —M H Sessions, '45, capt , 32d Inf —B M Beckwith, '55, 1st lieut and adjt ; N A C Smith '53, 1st lieut , 40th Inf —Lorenzo Potter, '56, 1st sergt , J C Chandler, '45, and Martin M Flint, '33, pvts , 43d Inf —William Partridge, '49, 1st lieut , 49th Inf —D K Noyes, '45, lieut col , 2d Cav —W H Brisbane '26, chaplain, Napoleon Boardman '47, 1st lieut , 3d Cav.—B H Kilbourne, '60, 2d lieut , Ira Nourse, '15 and H P Thomas, '54, privates.

ROLL OF HONOR.

MAJOR GENERALS.

'51, Dodge, Grenville M
'43, Mihoy, Robert H
'43, Mower, Joseph A
'39, Nelson, William
'50, Strong, George C
'30, Tucker, Stephen S
'49, Ward, Frederick T (China)
35, Wright, Horatio G

BREVET MAJOR GENERALS.

'29, Harney, William S
50, Hatch, Edward
'59, Peck, Lewis M
'51, Ransom, Thomas E G
'44, Seymour, Truman
41, Williams, Seth

BRIGADIER GENERALS

'63, Coolidge, Charles A
'26, Deming, Miner R
'28, Hale, Reuben C
'29 Harney William S
50, Hatch, Edward
'36, Jackman, Alonzo
'41 Lander, Frederick W
'51, Ransom, Thomas E G
60 Rice, Edmund
'64, Roberts, Benjamin K
55 Schall, John M
'44, Seymour, Truman
'39 Tarbell Jonathan
'26 Taylor, George W
'29, Wessells, Henry W
'41, Williams Seth
'56, Wilkston, Edward B
'57, Wood, Henry C
'25, Wright, George

BREVET BRIGADIER GENERALS.

'47, Balloch George W
'28, Bomford, James V
'55, Bryant George E
'56, Buel, George P
'37 Burton, Henry S
25 Cady, Albermarle
'42, Davis, William W H
'45, Farrar, Bernard G
'44, Frizell, Joseph W
'49, Gleason, Newell
'29, Higuet, Peter V
'25, Lee, William R
'26, Noble, William H
15, Partridge, Frederick W
'45, Preston, Simon M
'39 Shedd, Warren
51, Smalley Henry A
'61, Stoughton, Charles B
'49, Wright, Thomas F.

COLONELS.

'46, Ashe, Thomas P
'54, Baxter, Luther L
'28, Bomford, James V
'47, Breaux, Gustave A
'55, Bryant, George E.
'56, Buel, George P.
'39, Burnham, Cyrus B
37, Burton, Henry S
'25, Cady, Albermarle
'58, Childs, Jonathan W
42, Davis, William W H
'41, Dorn, Andrew J
52 Elliot, George H
45, Farrar, Bernard G
14, Frizell, Joseph W
49 Gleason, Newell
19, Gould, Jacob P
19, Gove, Jesse A
'26, Green, Coggswell K
'54, Griswold Charles E
'29 Higuet, Peter V
'61 Hall, Josiah
'52 Howard, Henry H
'60, Howard, Noel B
'57, Hunsdon, Charles
'26, Jones, George W
18, Kellogg, Wilham P
'54, Kent, Henry O
20 Lee, Roswell W
'25, Lee, William R
30, Little, George
'55, Long, Charles H
12, Longnecker, Henry C
'37, McLean, Eugene E
'39, Marvin, Asa C
'41, Nalle, Benjamin F
'26, Noble, William H
'59, Peck, Lewis M
'45 Preston, Simon M
'25 Ransom, Truman B
'56, Schall, Edwin
'59, Seaver, Thomas O
'39, Shedd, Warren
42 Shepard, Benjamin F
'29 Simmons Seneca G
51, Smalley, Henry A
59 Stedman Joseph
'61, Stoughton, Charles B
'56, Strong, William C H
'25, Temple, Robert E
'57, Treadwell, Wilham A
'23, Tullar, Charles
'26, Van Rensselaer, Henry
'48, Warner, Stanley M
'37, Whipple, Thomas J
'49, Wright, Thomas F
'29, Ytuibide, Augustine de Jerome (South America)

BREVET COLONELS

'60, Bascom, Gustavus M
'59, Boutelle, George V
'57, Granger, Brownell
'52, Greenwood, William H
'52, Lathrop, Solon H
'32, May, Charles A
'51, Ransom, Dunbar R.
'29, Seymour, Thomas H
'25, Screven, Richard B

LIEUTENANT COLONELS

'65, Adams, Henry H
'48, Atwood, Julius P
'47, Balloch, George W
'60, Bascom, Gustavus M
'44, Brown, Edward M
'48, Burnham, Hosea B
'59, Campbell, Hugh S
'44, Clark Thomas
'53, Colburn, Albert V
'52, Emery, Harvey W
'56, Farrar, Frederick H
'52, Greenwood William H
'55, Hall, Alfred G
'62, Henderson, Thomas A
'44, Kimball Edward A
'52, Lathrop, Solon H
'55, Leonard, Oscar E
'39, Marsh, Samuel
'51, Munson William D
'45, Noyes David K
'45, Partridge Frederick W
'51, Saben, William S
'56, Schall, Edward
'29, Seymour, Thomas H
'52, Stowell Edwin S
'55, Waterman, Alba N
'28, Webb, Henry
'48, Wilson, Alfred C
'57, Worthen, Harry N.
'42, Wright, Joseph C

BREVET LIEUTENANT COLONELS

'64, Galbraith, Frederick W
'55, Lewis, Charles H
'25, Screven Richard B

MAJORS.

'64, Abbott, Lemuel A.
'63, Alvord, Henry E
'26, Babbitt Jacob
'59, Baker, Charles N
'45, Barnard John M
'34, Bean, Sylvanus B
'46, Bishop, Linus D
'59, Boute
'41, Bovay, Alvin E
'44, Brigham, Henry O
'55, Burton, William S
'54, Carter, George
'61, Chandler, Edward A.
'43, Hancock, Henry
'42, Harris, Joseph
'40, Hewitt, Sylvester M
'26, Holmes Arthur Fisher
'54, Kelley, Elisha S
'64, Kelton, Dwight H
'56, Kingsley Levi G
'43, Lee, Stephen B
'42, Marsh, Otis M
'32 May, Charles A
'45, Milroy, John B
36, Morris, Henry V
'54, Morris, Thomas E
'43, Paul, William P
23, Perry, Carlton H.
'61, Robbins, Henry A
'58, Taylor, Archibald S
'45, Tenney Otis M
53, Truax, Sewall
'60, Webb, Charles A

BREVET MAJORS

'66, Baxter, Henry C
'42, Bean, Eli B
'45, Denson, Charles E
'56, Hubbard, Gurdon S
'81, Mead, Charles W.
64, Morey, Arthur P
'26, Ridgely, Samuel C
'64, Smith, George W
'51, Thomas, Evan W
'52, Woodward, Solomon E

SURGEONS

'54, Baxter, Jedediah H (brig gen)
'64, Buel, James W
'24, Bell, John
'56, Conn, Granville P
'34 Darling, Damel
'50, Delaney, Alfred
'48, Drew, Frederick P
'54, Ensign, William H
'50, Greeley, George P
'52, Jarvis, George C
'24, Kimball, Gilman
'50, Lincoln, Francis M
'53, McCollister, John Q A (maj)
'27, Miles, Smith M
'23, Phelps, Elisha E (lieut col.)
'92, Pond, Erasmus A.
'57, Porter, John H
'61, Robbins, Henry A
'24, Russ, John D (Grecian Army)
'11, Stevens, Justin E

ASSISTANT SURGEONS

'47, Buswell, Albert
'18, Commgs, David L M
'52, Curtier, Samuel H.
'52, Ford, Charles J (capt)
'59, Parker, Edgar
'63 Parsons, John W.
'46, Perkins, Marshall (capt)
'55, Turner Thomas (capt)
'90, Dane, Homer J (hospt steward)

MILITARY ENGINEERS

See Chapter VIII.

PAYMASTERS

'11, Brigham, Henry O (major)
'12, Harris, Joseph (major)

PROVOST MARSHALL

'46, Bishop, Linus D
'41, Bovay, Alvin E
'15, Farrar, Bernard G
'55, French, George B
'52, Howard, Henry H
'49, Robinson, Calvin I
'23, Tuller, Charles
'56, Wilhston, Edward B

CHAPLAINS.

'26, Barton, Frederick A
'26, Bringhurst, Thomas
'26, Brisbane William H
'49, Holman, Samuel A
'29, Johnson, Richard

CAPTAINS

'48, Adams, Chnton
'53, Amsworth, James E
'26, Alexander, Henry D W
'63, Allen, Lorenzo D
'59, Amsden, Frank P
'63 Ashcroft, Charles E.
'88, Austin, Fred T
63 Bailey, George A
'59, Barker J Gage
'63 Barrett, Curtis S
51, Baxter, William R
'42 Bean, Eli B
'98 Bearss, Hiram I
'47, Beattie, David C
'55 Beckwith, Benjamin M
'47 Boardman, Napoleon
'52, Bowers, Charles
'63, Bradley, Charles O
'59, Bringhurst, Thomas
'56, Burrows, Hunt W
'56 Buttrick, George
'96, Carleton, Charles S
'97 Carr, Winfred B
'64, Chaffin, William H
'54, Channel, Alfred M
'33, Clark, Henry E W
'67, Coffin, Herbert G.
'69, Cooke, Albert W
'59, Cowdin, Robert J
'43, Crooker, Jabez C
'42, Crowninshield, Charles B
'44, Cunningham, James
'51, Curtis, Charles A
'50, Cutts, Edward H
'55, Davis, Thomas H.
'61, Day, Henry C
'50, Dearing, Charles H
'45, Denison, Charles E
'42, Derby, George H
'55, Dewey, John W
'38, Dyer, Jay
'61, Eavre, Thomas W
'62, Ewart, James K
'60, Field, George W
'50, Fifield Samuel N
65, Folsom, George A
'44, Fox, Charles
'55, French, George B
'64, Fuller, Lloyd B
'61, Galbraith, Frederick W
'39, Gardiner, Symmes
'50, Gillum, Henry H
'40, Gilson James M
'40 Glover, Wilson
'57, Goodrich, Levi W
'57, Granger, Brownell
'64, Gray John S
'61, Hale, Henry A
'46, Hall William H H
'44, Hammond, Elisha
'51, Harvey, Edward E
'54 Haycock, Judson
'51, Hobbs, George W
'50, Holley, Henry W
'64 Hopkins, George
'26, Howard, Augustus
'80, Howe, Frank L
'63, Hoyt, Charles A
'57, Hubbard David
'56, Hubbard, Gurdon S
'62, Hutchinson, Alonzo B
'61, Irish, Nathaniel
'26, Johnston, Daniel P
'58, Knowles, Samuel W
'54, Leland, Oscar H
'55, Lewis, Charles H
'55, Lord, Charles V
'32, McNabb, John
'25, Marsh, Oren
'81, Mead, Charles W (bvt maj)
'64, Morey, Arthur P
'51, Mower, Albion J
'38, Murray, John C
'49, Neil, John L
'45 Newman William A

'62, Nichols, Henry B
'64, Osgood, John H
'67, Papanti Augustus L
'49, Parker, Benjamin W
'59, Parker, Charles E
'59, Parker George
'59, Parker, William T
'19, Partridge, William
'28, Patton, Benjamin F
'61, Pierce, Frank C
'46, Pierce, Horace T H
'42, Perkins, William E
'55, Phelps, Egbert
'46, Pierce, John S
'59, Porter Benjamin F
'12, Porter, William
'52, Preston, Sylvester S
'64, Rand, Frederic H
'51, Ransom, Dunbar R
'19, Rehrer, Erasmus G
'40, Rice, James
'26, Ridgely, Samuel C
'41, Russell Frederick W
'56, Schall, Reuben J
'25, Scrieven, Richard B.
'15, Sessions, Milan H
'51, Sewall, William R
'61, Shattuck, Abbott A
'60, Shattuck, Samuel W
'91, Shuttleworth, Edward A
'00, Sibley, Bertrand W
'64, Slayton Henry L
'61, Smith, Elias F
'45, Smith, E H
'48, Smith, George C
'64, Smith, George W
'37, Smith Timothy D
'50, Stanyan, John M
'48, Stone Elias F
'48, Stone, Henry
'37, Streeter, Sebastian
'51, Strobel, Lewis M
'51, Thomas, Evan W
'48, Thompson, Samuel J
'37, Tilden, Joseph G
'34, Tipton, Spear S
'17 Tucker, George
'45, Turpin, Walter G
'57, Tyler, George O
'48, Tyler, John L W
'64, Vernam William S
'48, Weston, Edmund
'01, Wheatley Charles E
'59, Wheeler, Holland
'41, White, Thomas W
'03, Williams, Seth
'11, Winn, John
'59, Wood, Luther H
'52, Woodward, Solomon E
'52, Wright, Leonard J
'56, Wright,

BREVET CAPTAINS

'64, Abbott, Edward S
'58, Page Frank A
'64 Phillips Henry M
'58, Stimson, Francis E

STAFF OFFICER

'58, Lawrence, Arthur

FIRST LIEUTENANTS

'64, Abbott, Edward S
'24, Adams, Thomas B
'66, Aldrich, Edward K
'64, Babbitt Elbridge H
'93, Bailey, George F
'08, Baldwin, Karl F
'80, Barstow Frederick M
'67, Batcheldei, James E
'66, Baxter Henry C (bvt maj)
'65, Bayard, Albert F
'41, Buck Benjamin (adjt)
'57, Buel, John F L (r q m)
'61, Buel, Julius O
'55, Burbank William B
'45 Crowninshield, John C.
'37 Curtis, Joseph W
'51, Davis George F , (adjt)
'45, Dean Charles K , (adjt)
61, DePonney, William J
'64 Dodge, William A
'52, Earle, Thomas A
'03, Farquahurson, Robert B
'56, Farrar, William E
'57, Fenton, Frank B
'64, Gerrish William, (adjt)
'67, Gilman, George E
'63, Goodwin, William S
'65, Goulding, Joseph H
'63, Haven William
'63, Hays William B
'64, Hebard, William
'55, Hollister, James
'61, Hoyt, William R
'32, Hull, William
'61, Kellogg Theodore H
'47, Kendall, Paul R , (r q m)
'64, Kent, Charles N , (adjt)
'49, King George L
'59, King, Wallace A
'64, Lord, Robert C
'51, Mead, John B T (adjt)
'44, Miller John E , (adjt)
'10, Myrick, Cyrus G
'58, Page, Frank A
'46 Pennock, Joseph N (adjt)
'52, Phelps, Charles
'64 Phelps, Dudley F , (adjt)
'64, Phillips, Henry M
'62, Philbes Walter A

'56, Potter, Lorenzo
'56 Roelofson, Frederick E
'63, Sibine, Albert
'61, Saltmarsh, Edward C
'41, Shields, James V A , (adjt)
'04, Smith, Harry O
'53, Smith Nathan A C
'58, Stimson, Francis E
'65, Stoddard, Samuel F
'62, Thompson, John B
'57, Titcomb, Albert P
'03, Upham Francis B
'64, Walcott, Ellis P
'67, Walker, Charles E
'62, Washburn Daniel W
'67, White, Arthur W
'52, White, George R , (adjt)
'62, Wright, Henry J
'47, Wyman, George H

SECOND LIEUTENANTS

'23, Baker, William H
'08 Brown, Thomas W
'02 Burr, Frank H
09, Clark, Frank S
09, Clark, Howard T
'09, Clark, Walter L
'09, Collins, Everett
'91, Dole Carl G
'09, Dunlop, Robert H
'08, Edwards, Irving B
'98, Goodspeed Nelson
'59, Hitchcock, Robert E
'60 Kilbourne, Byron H
'62, Kimball Lewis
'08, Muller Hollis L
'64, Osgood, Charles H
'63, Parmenter, Daniel W
'02, Phinney, Robert T
68, Ransom, Frederick E
'53, Rice, George M
'65, Rice, Thomas G
'03 Robinson, William F
'59, Rolfe, John M
'09, Rowe, Guy I
'57, Sanborn, George W
'28, Seaton, Augustine F
'09 Selleck, Andrew C
'08, Smith, Dwight F
'11, Snow, Asa H
64, Tillinghast, Charles F (adj)
23, Trask, Thomas S
'01, Waugh, George F
'98, Wheeler, Merrill D
61, Whitmore, Adin H
08 Wilder, Miles S
03, Williams, Allan R.

THIRD LIEUTENANTS.

'08, Parker, Sylvester M
'10, Robinson Frank L

SERGEANTS MAJOR.

'93, Austin, Flynn G
'63, Bush, Charles E
'64, Walcott, Franklin H

FIRST SERGEANTS.

'64 Burchard, Sardis
45, Chandler Julius C
'96, Gates, Gardner
'64, Granger, Edward M
'61, Henry, Horace C
'56 Kinne, Aaron
'64, McCulloch, Frederic H
'58, Messenger, George
'59, Moseley, C Henry
'63, Moses, Rufus L
'43, Post, Frederick S
'64, Post, Henry G
'47 Slafter, Judson
'53, Stanchfie, James M
'66, Tibbetts, Charles F

SERGEANTS.

02, Clark, George H
49, Coffee, William
01, Danforth, Elliott
96, Dole, Harry R
'56, Loomis, Pomeroy
'04, Mead, Royal L
65, Richards, J Swift
'01, Riggs, Clarence B
'61, Sleeper, Van B
60, Starr, William
'01, Wardner, James M

CORPORALS.

96, Baker, Roy D
'67, Blodgette, George B
'64, Cady, Samuel A
'64, Cargill, Charles G
'67, Childs, George W
'98, Evans, George D
'58, Fowler, John G
'98, Howes, Hemin C
'96, Howes, Phil S
'42, Hunt, Roswell W
38, Hutchinson, Edson
'97, Keith, Harry L
'64, Lee, Douglass
'59, Quimby, Asahel H
'00, Rich, Richard G
'55, Vermilye, Washington R
'66, Wellman, Samuel T
'98, Wheelock, Clarence D.

MUSICIANS.

'55, Bickford, Frederick T
'59, Foster, Edwy W
'97, Spafford, William C
99, Tupper, John L

PRIVATES

'53, Aiken, Walter
'37, Arms, Austin D
'37, Bartlett John M
'67, Bird, Charles S.
'66 Blackington, William S
'68, Bowen, Marcellus
66, Burkham, Elzey G
'91, Chadwick, Homer R (artificer)
'64 Coombs, Arthur W
67, Davis, George A
'63, Dewey, William S
'78, Douglass Francis
'67, Fiske William
33 Flint, Martin M
'26, Frazer, John F
'57, Gilman, Benjamin M
65 Gragg Charles W
'67, Granger Charles H.
'56, Guild, Edwin
56, Hartshorn, Samuel N
46 Haskell, Henry L S
'63, Hastings, Addison
'65, Hazelton, Walter S
'66, Head Henry H
'65 Howard, Henry A
51, Jackson, John C
'67, Lowe Abner B
'41 Major, Augustine L C
61 Marcy, Andrew C
66, Needham, William C H
'47, Newman, Asahel C (clerk)
45, Nourse Ira
'61, Noyes, Edward H
'67, Otis, George E
'63, Parker, James V
'01, Potter, Robert J
'83, Ramsey, John W
'64, Sabine, John
'64, Sawyer, Francis A
'50, Scripture, Stephen A
'96, Skinner, Leon A
'56, Smith, Alonzo E
'67, Smith, Charles W
'58, Sayles, Charles F (clerk)
'70, Tarbell, Charles G
'54, Thomas, Hartop P
'48, Tucker, William H
'28 Varnum, Nathaniel S
'11, Wadhams, Albert I
'62, Washburn, Justus W F
'68, Wentworth, William H
'67, Wheelwright, Charles S
'66, Whittier, James A L
'70, Willard, George M
'67, Wyman, Silas W

DRILL OFFICERS IN SERVICE

'65, Chapin, Charles J
'62, Jones, Edward T
'10 Robinson Calvin L
'54 Tait, Daniel B

OFFICERS.

Rank Unknown

'55, Burns, Emery
'49, Carpenter, Irving S
'54, Cleveland, James B
'57, Fletcher, Frederick T
40, Jenkins, Robert B
'25, McIntosh, George H
24, Pitkin, Samuel V
'57, Thorndike, Samuel E
'59, Tukey, (Hayeock) Judson

UNKNOWN

The names of the following men were recorded in the "Roll of Honor," published in 1863, and 1864, but so far, details of their work have not been secured. No doubt several of the men were cadets at Captain Partridge's School in Norwich, 1844-52

'49, Bacon, Francis H
Billings, C B
Booth J H col
'45, Burt, George W, Capt N Y Vols
'50, Clark, Joseph M
'47, Colburn William R
'49, Davis, Charles W
Dewey, T G
'42, Emerson, George W F, Pa Vols
'46, Graves, George E, Capt C S
Hall, Edmund Conn Vols
Handler, T M
'66, Hopkins Henry 2d Kansas Vols
'46, Hutchinson L M
Hutchinson, Samuel 16th Vt
'39, Little, Joseph S, N Y Vols
'59, Merrifield, W F C
'56, Morton, Gilbert, U S N
'60, Osgood, Elbridge B
'58, Parker George H

45, Partridge, Henry S, (or L,) Mass Vols
'58 Rice, Edward W
65 Roberts, Edward E, Conn
59, Tukey, F H T
34 Wright, Joseph W

SERVICE IN THE CONFEDERATE ARMY.

'26, Alexander, Henry D W, capt
'46, Ashe, Thomas P, col
'47, Breaux, Gustavus A col
54, Cleveland, James N, officer
'55, Davis, Thomas H, capt
'61, DePomey, William J, 1st lieut
'41, Dorn, Andrew J, col, brig. gen
'56, Farrar, Frederick H, lieut col
'40, Glover, Wilson, capt
'57, Goodrich, Levi W, capt
'51, Jackson John C, pvt
'40, Jenkins, Robert B, officer
'29, Johnson Richard, chaplain
'26, Johnston, Daniel P, capt
'29, Lee, Roswell W, col
'54, Leland, Oscar H, capt
30, Little, George, col
'25, McIntosh, George S, officer
'37, McLean, Eugene E, col
'32, McNabb, John, col
'41, Major, Augustus L C
'42, Marsh, Otis M, maj
'38 Murray, John C, capt
41 Nalle, Benjamin F, col
'43, Paul, William P, maj
'46, Pierce, John S capt
'51, Strobel, Abner J, capt.
'56, Strong, William H C, col
'38, Stone, John surg
'41, Tenney, Otis S, maj
'30, Tucker, Stephen S, maj gen
'45, Turpin Walter G, capt
48, Warner, Stanley M, col
'41, White, Thomas W, capt
'41, Winn, John, capt

ENGINEERS C S A

'28, Webb, Henry, capt
'41, White, W, capt

DRILL MASTERS.

'63, Barrett, Curtis S, Vt
'60, Bascom, G M, Ohio
'28, Blois, John T, Michigan
'55, Bryant, George E Wisconsin
63, Bush Charles L, Vt
64 Chaffin, William H, Vt and N H
65 Chapin, Charles Jones, Vt
14 Clark, Thomas, Ohio
'61 Curtis, Charles A, Maine
49 Dana, Stillman E, Wis
48, Dixon, Luther S, Wis
61, Dodge, William A, Vt
'61, Eayre, Thomas W, Vt. and N.J.
'52, Emery, Harvey W, Wis
'64, Galbraith, Fred W, Vt and Me
'57, Granger, Brownell, Mass
'50, Hatch, Edward, Iowa
'56, Hobbs, George W, Mass.
'28, Holley, George W, N Y
'63 Hoyt, Charles Arthur, Vt
'36, Jackman, Alonzo, Vt
'47, Kendall, Paul R, Ill, Kans and Mo
'54, Kent, Henry O, N H
'43, Lee, Stephen B
'31, Lewis, William E., Vt
'55, Long, Charles H, N H.
'64, Mead, William R, Vt and N.H.
'64, Metcalf, Ralph, Vt
'64, Morey, Arthur P, Vt
'63, Ober, George Hawes, Vt.
'63, Patterson, Rody, Vt
'45, Preston, Simon M, Ill
63, Rich, Clayton Eugene, Vt
'49, Robinson, Calvin L, Florida
28, Russell, William H, Conn
'64, Shattuck, Abbott A, Vt and Mass
60, Shattuck Samuel W, Vt
'64, Slayton, Henry Lake, Vt
61, Smith, Elias F, N H
'28, Starr, Elihu W N, Conn
'59, Stedman, Joseph, Mass
'63, Steele, Charles Edward, Vt
'54, Tarr Daniel B Mass
'57, Treadwell, William A, N Y
'47, Tucker, George, Army of the Potomac
'48, Tyler, John W L, Ohio
'49, Waite, Frederick T, Ill
'59, Wheeler, Holland, Kans
'52, White, George R, Iowa
'47, Wyman, George H, Ohio

U S ARMY OFFICERS DECEASED

'64, Abbott, Edward S, bvt capt
'64, Abbott, Lemuel A, capt
'65, Adams, Henry H, lieut col
24, Adams, Thomas B, 1st lieut
'63, Alvord, Henry E, capt
'23, Baker, William H, 2d lieut
'80, Barstow, Frederick N, 1st lieut
'60, Bascom, Gustavus M, maj
'67, Batchelder, James E, 1st lieut.
'54, Baxter, Jedediah H, surg gen
'24, Bell, John, surg
'28, Bomford, James V, col
'63, Bradley, Charles O, capt
'44, Brigham, Henry O, paymr
'56, Buel, George P, col
'64, Buel, James W, asst surg

'57, Buel, John F L, 1st lieut
'37, Burton, Henry S, col
'25, Cady, Albemarle, col.
'49, Carpenter, Irving S
'53, Colburn, Albert V., lieut col
'61, Curtis, Charles A, capt
'01, Danforth, Ellon T., sergt
'35, Darling, Daniel, contract surg
'59, Delaney, Alfred, asst surg
'45, Denison, Charles E, capt and bvt maj
'42, Derby, George H, capt.
'41, Dorn, Andrew J, 2d lieut
'78, Douglass, Francis, forage master
'48, Drew, Frederick P., surg
'52, Elliot, George H, col.
'54, Ensign, William H, surg
'39, Gardiner, Symmes, capt
'96, Gates, Gardner, 1st sergt
'49, Gove, Jesse A, capt.
'29, Hagner, Peter V, col
'29, Harney, William S, brig gen
'50, Hatch, Edward, col and bvt maj gen
'54, Haycock, Judson, capt
'61, Kelton, Dwight H, maj
'52, Lathrop, Solon H, lieut col and bvt col.
'55, Lewis, Charles H, capt, bvt lieut col
'50, Lincoln, Francis M, surg
'64, Lord, Robert C, 1st lieut
'37, McLean, Eugene E, capt
'32, McNabb, John, capt
'32, May, Charles A (maj and bvt col)
'81, Mead, Charles W capt
'43, Mower, Joseph A, col
'58, Page, Frank A, 2d lieut
'55, Phelps, Egbert A, capt
'67, Porter, James E, 1st lieut
'64, Post, Henry G (?)
'83, Ramsey, John W, pvt
'51, Ransom, Dunbar R, capt and bvt. col.
'25, Ransom, Truman B, col
'60, Rice, Edmund, brig gen
'26, Ridgely, Samuel C, capt bvt maj
'63, Sabine, Albert, 1st lieut
'25, Scrivener, Richard B, capt and bvt lieut, col
'28, Seaton, Augustine F, 2d lieut
'29, Seymour, Thomas H, lieut col
'29, Simmons, Seneca G, maj
'51, Smalley, Henry A, capt
'64, Smith, George W, capt and bvt maj
'58, Stimson, Francis E, 1st lieut
'53, Strong, George C, maj gen
'26, Taylor George W, capt
'25, Temple [illegible]

'51, Thomas, Evan W, capt and bvt maj
'23, Trask, Thomas S 2d Lieut
'26, Van Rensselaer, Henry, 2d lieut
'28, Varnum, Nathaniel S, officer
'01, Wardner, James M, hospital steward
60, Webb, Charles A, maj
'28, Wessels, Henry W, lieut col
'70, Willard, George M, clerk
'11, Williams, Seth brig gen
'52, Woodward, S E, capt and bvt. maj
'36, Wright, Horatio G, brig gen.
'25, Wright George (brig gen)

CADETS NOW SERVING IN THE U S A.

'88, Austin, Fred T, capt
93, Bailey, George F, 1st lieut.
'08, Baldwin, Karl F, 2d lieut
'02, Burt, Frank H, 2d lieut
'97, Carr, Winfred B, capt
'09, Clark, Frank S, 2d lieut
'02, Clark, George H, musician
'09, Clark, Howard T, 2d lieut
'09, Clark, Walker L, 2d lieut
'09, Collins, Everett, 2d lieut
63, Coolidge, Charles A, brig gen (retired)
'09, Dunlop, Robert H, 2d lieut
'98, Goodspeed, Nelson, 2d lieut
'08, Muller, Hollis L, 2d lieut
'02, Phinney, Robert T, 2d lieut.
'64, Roberts, Benjamin K, brig gen (retired)
'03, Robinson, William F, 2d lieut
'09, Rowe, Guy, I, 2d lieut
'09, Selleck, Andrew C, 2d lieut
'91, Shuttleworth, Edward A, capt
'03, Upham, Francis B, 1st lieut
'01, Waugh, George F, 2d lieut
'91, Shuttleworth Edward A, capt
'01, Wheatley, Charles E, capt
'03, Wheeler, Merrill D, 2d lieut (retired)
'03, Williams, Allan R, 2d lieut
'56, Wilhston, Edward B, brig gen (retired)
'57, Wood, Henry C, brig gen (retired)

UNITED STATES COLORED INFANTRY, CIVIL WAR

'65, Bayard, Albert F, 1st lieut
'56, Buttrick, George, capt
'50, Cutts, Edward H, capt
'45, Farrin, Bernard G, col and bvt brig gen
65, Folsom, George A, capt
'61, Gerrish, William, 1st lieut
[illegible]

'64, Kelton, Dwight H, capt
'62, Kimball, Lewis, 2d lieut
'64 Morey, Arthur P, capt and bvt maj
'64 Osgood, John H, capt
'63, Parmenter, Daniel W 2d lieut
'64, Phelps, Dudley F, 1st lieut and adjt
'45, Preston, Simon M, col and bvt brig gen
'64, Shattuck, Abbott A, capt
'64, Slayton, Henry L capt
'37, Tilden, Joseph G, capt
'56, Wright, Thomas K G, capt

UNITED STATES COLORED CAVALRY, CIVIL WAR.

'65, Rice, Thomas G, 2d lieut

PHILIPPINE CONSTABULARY.

'08 Brown, Thomas W, 2d lieut
'08, Edwards, Irving B, 2d lieut
08 Parker, Sylvester M 3d lieut
'10, Robinson, Frank L, 3d lieut
'08, Wilder, Myles S, 2d lieut

26th REGT FRONTIER CAVALRY, CIVIL WAR

'55, French, George B, capt.
'64, Rand, Frederic H, capt

SHARP SHOOTERS.

'55, Dewey, John W, capt, 2d regt
48, Weston, Edmund, capt, 1st regt

VETERAN RELIEF CORPS.

'36, Morris, Henry V, maj
'58, Page, Frank A, 2d lieut, and bvt, capt
'59, Quimby, Asahel H sergt, 142d Co

SIGNAL CORPS.

'64, Lord, Robert C, sergeant
'70, Tarbell, Charles G, private
97, Walker, Charles E 1st lieut

STAFF OFFICERS

AIDES-DE-CAMP.

'45, Farrar, Bernard G, col
'64, Galbraith Frederick W lieut col
'43, Hancock, Henry, capt
'43, Paul, William P, maj (C S A)
'58, Lawrence, Arthur, served on Gen O. O Howard's staff

INSPECTOR GENERALS

'26, Van Rensselaer, Henry, col
'52, Greenwood, William H, lieut col
'56, Hubbard, Guerdon S capt

ORDNANCE OFFICERS

'47, Boardman, Napoleon, capt
'04, Vernam, William S, capt
'59, Wheeler, Holland, capt

BRIG GEN AND ADJT GEN

'41, Williams, Seth, Army of the Potomac

LIEUT COL AND ASST ADJT GEN

'60, Bascom, Gustavus M
'53, Colburn Albert V

CAPT AND ASST ADJT GEN

'66, Baxter Henry C
'55 Beckwith, Benjamin M
'69 Cooke, Albert W
'61 Layre, Thomas W
'45, Preston, Simon M
'04, Roberts, Benjamin K
'18 Smith, George C

FIRST LIEUT AND ASST ADJT GEN

'64, Babbitt, Elbridge H
'64, Curtis, Charles A
'64 Gerrish, William

COMMISSARY OFFICERS.

'47, Balloch, George W, lieut col
57, Granger Brownell, capt bvt col
'46, Pierce, John S, capt U S A

COL AND Q M, C S A

'37, McLean, Eugene E

MAJOR AND ASST Q M

'15, Barnard, John M
'31, Bean, Sylvanus B
'61, Chandler, Edward C

CAPT AND ASST Q M

'63, Barrett, Curtis S
'42, Bean, Eli B
'50, Gillum, Henry H
'47, Kendall, Paul R
'52, Lathrop, Solon H
'55, Lord, Charles V
'59, Porter, Benjamin F
'52, Preston, Sylvester S
'37, Smith, Timothy D.

CLERKS IN Q M DEPT.

'37, Arms, Austin D
'58, Sayles, Charles F
'48, Tucker, William H

FIRST LIEUT AND Q M

'56, Farrar, William E

SERVICE OF THE CADET IN U S AND C S A NAVIES

ADMIRAL.

'55, Dewey, George

REAR ADMIRALS.

'26, Boggs, Charles S
'50, Carpenter, Charles C
'60, Colvocoresses, George P, (retired)
'63, Converse, George A
'23, Craven, Thomas T
'23, Paulding, Hiram

COMMODORES

'23, Carpenter, Edward W
'23, Farrand, Ebenzer (C S N)
'23, Glynn, James
'27 Graham, John H
'24, Prentiss, George A
'65, Stevenson, Holland N
'23, Tattnall, Josiah (C S N)
'27, Whiting, William B

CAPTAINS.

'31, Colvocoresses George M
'28, Hartstene, Henry, J C S N
'23, Ward, James H

COMMANDERS.

'29, Craven, Tunis A M
'23, Freelon Thomas W
'23, Harris, William S
'57, Merriman, Edgar C

LIEUTENANT COMMANDERS

'61, Abbott, Walter
'39, Nelson William

LIEUTENANTS.

'26, Chaplin, William C
'23, Downs, Albert E
'23, Homans, James T
'23, Humphries, Sterne
'28, Jenkins, John T
'28, Johnson Robert E
'22, Mackay, Daniel H
'23, Mooers, John W
'80, Peters, Edward McC
'25, Rhodes Hillary H
'67, Smith, Jesse B
'65, Woodman, Edward

PASSED MIDSHIPMEN

'07, Brown, William P.
'25, Smith, [illegible]

SURGEONS

'49, Granger, Lyman C
'25, Kennedy, Andrew E
'23, Norris, James
'25, Smith, James M

CHAPLAINS

'78 Sherman, Fred F
'23, Stockbridge, Joseph

PAYMASTERS.

'25, Boggs, William B
'57, Hascall, Henry B
56, Penniman, Luther L
'61, Richardson, Roderick J.

ENGINEERS

'64, Buel, James W
'56, Hunt, John H
'64, Mooers, Frederick W
'52, Seymour, Epaphroditus H
'92, Webb, DeWitt Clinton
'59, Welles, Samuel

MIDSHIPMEN.

'53, Adams, Leonard J
'28, Allen, William C
'28, Buck, Alonzo P
'28, Burdett, Charles
'26, Crenshaw, J W
'26, Drake, Charles D
'11, Earle, Fred M
'27, Elliott, Stephen D
'23, Emerson, Thomas L
'23, Greenwood, Edwin L
'23, Heriot, James
'09, Howe, Evan C.
'25, Randolph, Daniel L
'25, Slidell, William J
'25, Smith Israel D
'26, Taylor, George W
'26, Tilden Thomas B
'25, Trapier, Paul H
'26, Wallace, William M

ENSIGN.

'56, Henderson, Robert

MASTERS.

'23, Dicks, John W
'26, Gaylord, John
'53, Rice, George M
'59 Smalley, Jacob M

SEAMEN, GUNNERS, AND MATES.

'28, Cooper, James M
'24, Emery, Charles L
'07, Kathan, William L
'05, Morrill, William H
'60, Smith, Sumner T
'28, Thompson, Ebenezer

REVENUE CUTTER SERVICE.

'56, Henderson, Robert, 1st lieut

CONFEDERATE STATES NAVY.

COMMODORES.

'23, Fairand, Ebenezer
'23, Tattnall, Josiah

CAPTAIN

'28, Hartstene, Henry J

CHINESE NAVY

'49 Ward, Frederick T, admiral-general

SERVICE OF THE CADETS IN THE NAVY

'61, Abbott, Walter, lieut commander
53, Adams, Leonard J midshipman
'28, Allen, William C, midshipman
'26, Boggs, Charles S, rear admiral
'28, Buck, Alonzo P midshipman
'61, Buel, James W eng
'28, Burdett, Charles midshipman
'50 Carpenter Charles C, rear admiral
'23, Carpenter, Edward W commodore
'26, Chaplin William C, lieut
'31, Colvocoresses, George M capt
'65, Converse, George A, rear admiral
'28, Cooper, James M, gunner
'23, Craven Thomas T, rear admiral
'29 Craven, Tunis A M
'26 Crenshaw J W, midshipman
'23, Dicks, John W, master
'23, Downs, Albert E, lieut
'26, Drake, Charles D, midshipman
'27, Elliott, Stephen D midshipman
'23, Emerson, Thomas L, midshipman
'24, Emery Charles L, seaman
'23, Farland, Ebenezer, commander
'23 Freelon, Thomas W, commander
'26, Gaylord John, master
'27, Graham, John H, commodore
'49, Granger, Lyman C, physician
'23, Greenwood, Edwin L, midshipman
'23, Harris, William S, commander
'28, Hartstene, Henry J, capt
'57, Hascall, Henry B, asst pymr
'23, Heriot, James, midshipman
'23, Homans James T, lieut
'09, Howe, Evan C, midshipman
'23, Humphries Sterne, lieut
'56, Hunt, John H engineer
'28, Jenkins, John T lieut
'28, Johnson, Robert E
'22, Mackay, Daniel H, lieut
'64, Mooers, Frederick W, asst eng
'23, Mooers, John W, lieut
'57, Merriman, Edgar C commander
'30, Nelson, William, lieut commander
'23, Norris, James, asst surg
'23, Paulding, Hiram, rear admiral
'56, Penniman, Luther L, asst pymr
'24, Prentiss, George A commodore
'25, Randolph, Daniel L, midshipman
'25, Ransom, Truman B, Prof mathematics
'25 Rhodes, Hillary H, lieut
'53, Rice, George M master
'61 Richardson, Roderick J., asst pymr
'52, Seymour Epaphroditus H, eng
'78, Sherman Frederick F, chaplain
'25 Slidell, William J., midshipman
'25, Smith, Israel D, midshipman
'25, Smith James M surg
'67, Smith, Jesse B, lieut
'59, Smalley Jacob M, master
'60, Smith, Sumner T mate
'24, Smith William S, passed midshipman
'23 Stockbridge, Joseph, chaplain
'23, Tattnall, Josiah, capt
'26 Taylor, George W, midshipman
'28 Thompson, Ebenezer, carpenter
'23 Thompson, Edward, master
'26 Tilden, Thomas B midshipman
'25, Trapier, Paul H, midshipman
'26, Wallace, William M., midshipman
'23, Ward, James H, capt
'30, Welles, Samuel, civ eng
'27, Whiting, William B commodore
'65 Woodman Edward lieut

CADETS NOW SERVING IN THE NAVY OR RETIRED.

'07, Brown, William P., passed midshipman
'66, Colvocoresses, George P., rear admiral
'55, Dewey, George, admiral
'11, Earle, Fred M., midshipman
'56, Henderson, Robert, act. ensign
'07, Kathan, William L., seaman
'05, Merrill, William H., seaman
'80, Peters, Edward McC., lieut.
'65, Stevenson, Holland N., ch. eng. with rank of commodore
'02, Webb, DeWitt C., civil eng.

UNITED STATES MARINE CORPS.

'98, Bearss, Hiram I., capt.
'37, Curtis, Joseph W., 1st lieut. (deceased)
'03, Farquaharson, Robert B., 1st lieut.
'59, Hitchcock, Robert E., 2d lieut. (deceased)
'01, Mead, Royal L., sergt.
'61, Saltmarsh, Edward C., 1st lieut. (deceased)
'00, Sibley, Bertrand W., capt.
'08, Smith, Dwight F., 2d lieut
'04, Smith, Harry O., 1st lieut.
'58, Taylor, Archibald S., maj., retired
05, Williams, Seth, capt

Rifle Practice at the "Range" 1907.

SUMMARY OF SERVICE BY STATES

Alabama.

Colonel,	1
Lieutenant colonel,	1
Captain,	1
	3

Arkansas

Captain,	1

California

Colonel and brevet brigadier general,	1
Major,	1
	2

Colorado

First lieutenant,	1

Connecticut

Colonel and brevet brigadier general,	1
Lieutenant colonel and brevet colonel,	1
Surgeon,	1
Captains,	2
First lieutenant and adjutant,	1
First sergeants,	2
Officer, (Unknown)	1
Private,	1
	10

Florida

Major,	1
Drill Master,	1
	2

Georgia.

Surgeons,	2
Captains,	5
First lieutenant,	1
	8

Illinois.

Brigadier and brevet major general,	1
Brigadier general,	1
Colonels and brevet brigadier generals,	2
Colonel,	1
Lieutenant colonel and brevet brigadier general,	1
Lieutenant colonel and brevet colonel,	1
Lieutenant colonels,	2
Major,	2
Captains and brevet majors	2
Captains,	3
First lieutenant and adjutant,	1
First lieutenants,	2
Second lieutenant,	1
Officer, (Unknown rank)	1
Privates,	3
	24

Indiana.

Major general,	1
Colonel and brevet brigadier generals,	2
Major,	1
Captains,	3
First lieutenant and adjutant,	1
First lieutenant,	1
	9

Iowa.

Major general,	1
Brigadier and brevet major general,	1
Colonel,	1
Major,	1
Assistant surgeon,	1
Captains,	2
First lieutenant and adjutant,	1
Second lieutenant,	1
	9

Kansas.

Colonel,	1
Lieutenant colonel,	1
Captain and quartermaster,	1
Captain and commissary,	1
Captains,	3
	7

Kentucky

Major general,	1
Lieutenant colonel,	1
Major, (C S A)	1
Captains,	2
First lieutenant,	1
	6

Louisiana.

Colonel,	1
Lieutenant colonel, (C S A)	1
Lieutenant colonel, (Union)	1
First lieutenant,	1
	4

Maine.

Majors,	2
Captains and brevet lieutenant colonels,	2
Captain and quartermaster,	1
Surgeon,	1
Captains,	4
First lieutenants,	3
First sergeants,	2
Drill master,	1
	16

Massachusetts

Brigadier generals,	2
Colonel and brevet brigadier general,	1
Colonels,	4
Major,	1
Surgeons,	6
Chaplain,	1
Captains,	18
First lieutenant and brevet captain,	1
First lieutenants and adjutants,	2
First lieutenant and quartermaster,	1
First lieutenants,	6
Second lieutenants,	3
Sergeant major,	1
First sergeants,	3
Sergeants,	3
Corporals,	5
Musician,	1
Privates,	17
	76

Michigan.

Colonels,	2
Majors,	3
Captains,	4
First lieutenants,	2
First sergeant,	1
Drill master,	1
Private,	1
	14

Minnesota

Colonel,	1
Captain and assistant quartermaster,	1
Captains,	3
First lieutenant,	1
Second lieutenant,	1
Privates,	2
	9

Mississippi

Captain, (illegible)

Missouri

Major general,	1
Colonel and brevet brigadier general,	1
Colonel and quartermaster,	1
Colonel,	1
Captains,	2
First lieutenant and adjutant,	1
First lieutenant and quartermaster,	1
First lieutenant,	1
Sergeant major,	1
Officer, (Rank unknown)	1
	11

Montana

Captain and brevet major,	1

Nebraska

Captain,	1

New Hampshire

Colonels,	3
Lieutenant colonel and brevet brigadier general,	1
Lieutenant colonel,	1
Major,	1
Surgeons,	3
Captains,	5
First lieutenants,	4
Sergeants,	3
Corporals,	2
Privates,	5
	28

New Jersey

Brigadier general,	1
Colonel,	1
Captain,	1
First lieutenant and quartermaster,	1
First lieutenant,	1
	5

New York

Brigadier general,	1
Colonel and brevet major general,	1
Colonel,	1
Lieutenant colonels,	3
Major and brevet colonel,	1
Captains,	7
First lieutenants,	3
Officers, (Rank unknown)	2
Sergeant major,	1
First sergeants,	2
Sergeants,	2
Corporal,	1
Privates,	2
	27

Ohio

Colonel and brevet brigadier general,	1
Lieutenant and brevet colonel,	1
Lieutenant colonel,	1
Major,	1
Captains,	3
First lieutenants,	2
Corporal,	1
Private,	1
Drill master,	1
	12

Oregon

Major,	1

North Carolina

Colonel, (C S A)	1
First lieutenant and adjutant, (Mex War)	1
Second lieutenant, (U S Vols)	1
	3

Pennsylvania

Brigadier general	1
Brigadier and quartermaster general,	1
Colonel and brevet brigadier general,	1
Colonel,	3
Lieutenants,	3
Surgeon	1
Chaplain,	1
Captains,	5
First lieutenant,	1
Officer, (Rank unknown)	1
Private,	1
	19

Rhode Island

Major	1
Captain,	1
First lieutenant,	1
Second lieutenant,	1
Sergeant major,	1
First sergeants,	1
Corporals,	2
Privates,	17
	25

South Carolina.

Captain,	1

Tennessee

Major, (C S A)	1

Texas

Colonel, (C S A)	3
Major, (C S A)	1
Major, (Mex War)	1
Captain, (C S A)	3
Private, (C S A)	1
	9

Vermont

Brigadier general,	1
Colonel and brevet brigadier generals,	2
Colonels,	4
Lieutenant colonels,	4
Major,	2
Surgeons,	3
Hospital steward,	1
Captain and quartermaster,	1
Captains,	15
First lieutenant and adjutant,	1
First lieutenants,	9
Second lieutenants,	6
Sergeant major,	1
First sergeants,	6
Sergeants,	5
Corporals,	10
Musicians,	4
Privates,	19
Drill master,	1
	95

Virginia (C. S A.)

Colonel,	1
Captains,	3
Private,	1
	5

Washington, D C

First lieutenant and adjutant,	1
Second lieutenant,	1
	2

Wisconsin

Colonel and brevet brigadier general,	1
Colonels,	2
Lieutenant colonels,	3
Major,	1
Surgeon,	1
Chaplain,	1
Captains,	3
First lieutenants and adjutants,	2
First lieutenants,	3
Second lieutenant,	1
First sergeants,	2
Privates,	4
	24

NUMERICAL SUMMARY BY STATES

Alabama,	3
Arkansas,	1
California,	2
Colorado,	1
Connecticut,	10
Florida,	2
Georgia,	8
Illinois,	24
Indiana	9

NUMERICAL SUMMARY BY STATES.

Iowa,	9
Kansas,	7
Kentucky,	6
Louisiana,	4
Maine,	16
Massachusetts,	76
Michigan,	14
Minnesota,	9
Mississippi,	1
Missouri,	11
Montana,	1
Nebraksa,	1
New Hampshire	28
New Jersey,	5
New York,	27
Ohio,	12
Oregon,	1
North Carolina,	3
Pennsylvania,	19
Rhode Island,	25
South Carolina,	1
Tennessee,	1
Texas	9
Vermont,	95
Virginia,	5
Washington, D C	2
Wisconsin	21
	412

UNITED STATES ARMY

Major general	1
Brigadier generals,	6
Colonels,	9
Lieutenant colonels,	5
Majors,	6
Surgeons,	8
Hospital steward.	1
Captains,	23
First lieutenants,	8
Second lieutenants,	6
Paymaster,	1
Officers (rank unknown),	3
First sergeant,	1
Sergeant,	1
Privates	3
	82

STAFF OFFICERS, CIVIL WAR

Brig general,	1
Colonels,	3
Lieutenant colonels,	6
Majors,	4
Captains,	23
First lieutenants,	4
Clerks,	3

CADETS NOW SERVING IN THE UNITED STATES ARMY.

Brigadier generals,	4
Captains,	5
First lieutenants,	2
Second lieutenants,	16
Musician,	1
	28

UNITED STATES MARINE CORPS

Major,	1
Captains,	3
First lieutenants,	4
Second lieutenants,	2
Sergeant,	1
	11

PHILIPPINE CONSTABULARY

Second lieutenants,	3
Third lieutenants,	2
	5

UNITED STATES COLORED INFANTRY

Colonel and brevet brigadier generals,	2
Captain and brevet major,	1
Captains,	8
First lieutenant and adjutant	1
First lieutenants,	3
Second lieutenants,	2
	17

UNITED STATES COLORED CAVALRY.

Second lieutenant,	1

FRONTIER CAVALRY

Captains	2
Sharp Shooters,	2
	4

VETERAN RELIEF CORPS

Major,	1
Second lieutenant and brevet captain,	1
Sergeant	1
	3

U S Signal corps, 3

REVENUE CUTTER SERVICE

CONFEDERATE ARMY.

Major general,	1
Colonels,	13
Lieutenant colonel,	1
Majors,	3
Chaplain,	1
Surgeon,	1
Captains,	9
First lieutenant,	1
Officers (rank unknown),	2
Privates,	2
	34

CONFEDERATE NAVY

Commodores,	2
Captain,	1
	3
Engineers, C S A,	2

CHINESE NAVY.

Admiral-general,	1

SERVICE IN THE REGULAR AND VOLUNTEER ARMIES OF THE UNITED STATES AND THE CONFEDERATE STATES BY RANK

Major generals,	8
Brigadier generals,	19
Colonels,	57
Lieutenant colonels,	30
Majors,	33
Surgeons,	21
Assistant surgeons,	8
Hospital steward,	1
Paymasters,	2
Chaplains,	1
Captains,	146
First lieutenants,	69
Volunteer lieutenant,	1
Second lieutenants,	36
Third lieutenants,	2
Sergeants majors,	3
First sergeants,	15
Sergeants,	11
Corporals,	18
Musicians	4
Privates,	55
Officers, (rank unknown),	9
Drill-masters service in field,	1
Foreign service,	3
	559

UNITED STATES AND CONFEDERATE NAVIES.

Admiral	1
Rear admirals,	6
Commodores,	8
Captains,	3
Commanders	4
Lieutenant commanders,	2
Lieutenants,	12
Passed midshipman,	2
Ensign,	1
Surgeons,	1
Paymasters,	4
Chaplains,	2
Engineers,	6
Midshipmen	19
Masters,	5
Seamen, gunners and mates,	6
	85
Service in army and navy,	644
Deduct for repetitions,	8
Total service,	636

BREVET RANKS

Brevet major generals,	6
Brevet brigadier generals,	10
Brevet colonels,	9
Brevet lieutenant colonels,	3
Brevet majors,	10
Brevet captains,	4
	51

SUMMARY OF SERVICES, CIVIL WAR

Attendance, 1835–65,	1013
Cadets, deceased before 1861,	57
Cadets available for service,	956
Cadets, 1835–65, serving in the war	523
Percent of service,	54 8
Cadets, 1835–65, record unknown.	202
Cadets, record known,	755
Percent of service of known cadets	69 4
Percent of commissioned officers,	58 89

SUMMARY OF SERVICE, 1835-1911

Cadets serving in Civil War,	523
Cadets serving in other wars, or at present in the army and navy,	113
Cadets serving at Newport,	41
Drill masters not enumerated in Roll of Honor,	12
Foreign service,	11
Total of all service,	689
Cadets serving in the militia	197

MILITIA SERVICE.

The alumni and past cadets have served in the militia of thirty-four states and territories as follows

MILITIA SERVICE

Arizona
'76, Hatch, Francis C, col

California
'05, Moore, Edward, maj
'64, Hazelton, Walter A, capt.

Connecticut
'25, Pitkins, Samuel L, maj gen
'26, Russell, William H, maj gen in command of state troops
'26, Welles, Leonard R, maj gen in command of state troops
'26, Phelps, Edward Y, brig gen
'28, Starr, Elihu W N, brig gen
'26, Morgan, Junius S, capt
'27, Russ Charles J, capt
'29, Seymour, Thomas H, capt
'26, Ward, Roswell B, capt
'26, Brewer, Frederick, 1st lieut and adjt
'46, Merrick, Roswell E, 1st lieut and adjt

District of Columbia.
'03, Rogers, Frederick P, capt

Florida.
'61, Curtis, Charles A, lieut col

Georgia
'25, Gignilliat, Norman P, capt

Illinois
'28, Deming, Miner R, brig gen in command of state troops
'67, Davidson, Harlan P, col
'56, Hubbard, Gurdon S, col
'23, Perry, Carlton H, col
'45, Denison, Charles E, capt
'51, Dodge, Grenville M, capt
'37, Gilson, George W, capt
'47, Partridge, Frederick W, capt

Indiana
'15, Milroy, John B, col

Iowa
'51, Dodge, Grenville M, capt

Kansas
'57, Hubbard, David, capt

Louisiana
'26, Campbell, William S, col
'26, Ramsay, [illegible]

Maine.
'24, Clapp, Asa W H, lieut col
'56, Hatch, Frederick A, 1st lieut
'03, Rogers, Frederick P, 2d lieut

Maryland.
'30, George, Samuel K, maj

Massachusetts
'26, Lee, William R, brig gen and eng
'25, Amory, Charles col and asst q m gen
'28, Crowninshield, Francis B, col
'64, Phillips, Henry M col
'26, Prescott, Edward G, col
'59, Stedman, Joseph, col and med director
'25, Amory James S, lieut col
'16, Pennock, Joseph N, maj
'54, Griswold, Charles E, capt
'87, Hassam, Walter E, capt
'73, Huntoon, George L, capt
'26, Sigourney, Henry H W, capt
'72, Steadman, William L, capt
'43, Stebbins, Harrison, capt
'49, Gould, Jacob P, 1st lieut
'89, Prior, Wright S, 1st lieut
'48, Weston, Edmund, 1st lieut
'10, Campbell, Charles F, 2d lieut
'88, Austin, Fred T, sergt maj
'02, Gleason, Benjamin W, sergt maj
'03, Drown, Frank S, 1st sergt
'01, Farnham, Burton W, sergt
'00, Richardson, Jeffers F, corp

Michigan
'26, Green, Coggswell K, col
'32, Marsh, Otis, capt

Minnesota.
'61, Curtis, Charles A, col

Mississippi
'64, Shattuck, Abbott A, col

Missouri
'51, Dodge, Grenville M, maj gen

Montana.
'81, Mead, Charles W, 1st lieut

New Hampshire.
'24, Baker, Jonathan, col
'14, Clark, Thomas, col
[illegible]

'56, Freeman, Frederick N col
'54, Kent, Henry O col and asst adj gen
'25 Prentiss, John W, col
'37, Smith Timothy D, col
'25 Hutchins, Ephraim, maj
'37 Swett, Josiah, maj
56, Chase, Arthur, capt
'24, Dinsmoor William capt
53, Greeley, George P, capt
56, Hartshorn, Samuel N capt
'37, Whipple Thomas J, capt
'23, Powers, Samuel, 1st lieut and adj
05, Brennan, Vincent J 2d lieut

New Mexico
'85, Hersey, Henry B, col and adj gen
'05, Brennan, Vincent J 2d lieut

New York
26, Temple Robert I, adj gen
16, Cole, Daniel B, asst adj gen
'24, Cheney, Wales, col
67, Clark, Henry C, col
39, Tuttell, Jonathan, col and asst adj gen
'26 VanRensselaer, Henry, col
84 Mellen, Calvert K, capt.
25, Williams, John, capt
'34, Amsden Joel, maj
26, Barnard, E Henry, maj
'11, Dorn Andrew J, maj
'17, Lindsay, James E, maj
39, Wright Chauncey, maj
'79, Gorton, Eliot, corp
'09, Lovell George P, corp

North Carolina
29, Whitfield, James B, maj gen
'26, Anderson William E, col
'26, Fitts, Oliver D col
'26, Little, George, col
'26 Collins, William F maj

North Dakota.
'86, Randall, Phil S, capt

Ohio.
'25 Hatch, Jesse P, capt

Pennsylvania.
'26, Hale, Reuben C, maj gen and q m gen
55 Schall, John M, maj gen
'46, Cleaver, John C, capt
25 Rich, Charles, capt
'76, Rumbaugh William M, capt
'64, Metcalf, Ralph, 1st lieut

Rhode Island
'68, Grosvenor, Robert, col.
'24, Babbitt, Jacob maj
'68, Richards, Egbert S, capt

South Carolina
28, Adams James H, brig gen
26, Webb Thomas L col
25, Porcher, Thomas C, capt
'26, Porcher, Frederick A, 1st

Tennessee
'28, Harding, William G, maj gen

Texas.
'28, Lee, Roswell W, col

Vermont
'04, Estey, Julius J, brig gen
'24, Fletcher, Ryland, brig gen
'36, Jackman, Alonzo, brig gen in command of state troops
'56 Kingsley, Levi G, brig gen and q m gen
'32, Lewis, William E, brig gen
'38, Partridge Lewis S, adj gen
25 Ransom, Truman B, maj gen
67, Hill, Howard F., chaplain
63, Dewey, William S, col
'51, Fletcher, Albert A, col
'69, Spaulding, Joseph H, col
'57, Tyler, George O, col
'60, Shattuck, Samuel W, col
'41, Warren, Stephen H, col
'79, Howe, Frank L, lieut col
'95, Thomas Fred B, maj
'08, Barber, Charles N, capt
'99 Brooks, Hezekiah K, capt
11, Brown, Edward M, capt
06, Dole, Harry R, capt
'07, Everts, Joseph A, capt
'25, Fox, William C, capt
'04, Gibson, Ernest W, capt
65, Goddard Samuel H, capt
'25, Goodall, David, capt
'64, Hitchcock, Elisha P capt
65, Houghton, Edmund C, capt.
'05, Howe, Harold M, capt
32, Kidder, Jefferson P, capt
'23, Lyman, Charles, capt
'83, Miner, George R, capt
95, Moseley, Harry C, capt
'99, Moseley, John P, capt
'30, Pennock, Nathan J, capt
'96, Plumley, Charles A capt
'11, Richmond, Neal W, capt
'76, Rumbaugh, William M, capt
'24, Cheney, Wales, 1st lieut. and adj
'65, Child, Oscar B, 1st lieut and adj
'09, Gilmour, John T, lieut and adj
'25, Holbrook, John C, 1st lieut and adj
'09, Thomas, Chester C, 1st lieut and adj.
'03, Brownell, James S, 1st lieut
'05, Deal, Harry R, 1st lieut
'78, Hiland, Frank E, 1st lieut
'38, Little, Jehial, 1st lieut
'01, Robertson, William E, 1st lieut
'77, Spalding, Burleigh F, 1st lieut

'03, Ball, Ernest S., 2nd lieut.
'09, Bayley, Luther P., 2d lieut.
'06, Bean, Earl L., 2d lieut.
'03, Bennett, Edward C., 2d lieut.
'64, Cargill, Charles G., 2d lieut.
'03, Farrington, William R., 2d lieut.
'11, Helyar, James E., 2d lieut.
25, Mower, Henry, ensign
'08, Muller, Hollis L., 2d lieut.
'97, Spafford, William C., 2d lieut.
'01, Washburn, William E. C., 2d lieut.
'06, Hovey, Bradford P., sergt. maj.
'94, Smith, Raymond C., sergt. maj.
'89, Terrill, Willis E., 1st sergt.
'86, Randall, Phil S., 1st sergt.
'87, Austin, Charles E., sergt.
'93, Austin, Flynn G., sergt.
'88, Austin, Fred T., sergt.
'74, Silver, Robert A., sergt.
'06, Tenney, Clarence A., sergt.
'99, Lovell, George P., sergt.
'99, Aldrich, Frank L., corp.
'87, Cook, Arthur C., corp.
'93, Gokey, Frank A., corp.
'83, Howe, Wilbur C., corp.

Virginia.

'41, Nalle, Benjamin F., col.
'28, Yates, Francis, col.

Washington.

'79, Carr, Eugene M., brig. gen. in command of state troops.

Wisconsin.

'54, Bryant, George E., q. m. gen.
'61, Curtis, Charles A., col.
'50, Dana, Stillman, E., col.
'48, Atwood, Julius P., capt.
'48, Dixon, Luther S., capt.

NAVAL RESERVES.

Massachusetts.

'03, Drown, Frank S., seaman.

New Jersey.

'80, Peters, Edward Mc. C., commander.

Guarding the Colors, Hike, 1910.

SUMMARY OF MILITIA

Arizona.

Colonel,	1

California

Major,	1
Captain,	1
	2

Connecticut

Major Generals,	3
Brigadier Generals,	2
Captains,	4
First Lieutenant and Adjutant,	2
	11

District of Columbia.

Captain	1

Florida

Lieutenant Colonel,	1

Georgia

Captain,	1

Illinois

Brigadier General,	1
Colonels,	3
Captains,	4
	8

Indiana

Colonel,	1

Iowa

Captain,	1

Kansas

Captain,	1

Louisiana

Colonel,	1
Major,	1
	2

Maine

Lieutenant Colonel	1
First Lieutenant.	1
Second Lieutenant,	1
	3

Maryland

Major,	1

Massachusetts.

Brigadier General,	1
Colonel, and Assistant Quarter-Master General,	1
Colonels,	3
Colonel and Medical Director,	1
Lieutenant Colonels	
Major,	1
Captains,	6
First Lieutenants,	3
Second Lieutenant,	1
Sergeant Majors,	2
First Sergeant,	1
Sergeant,	1
Corporal,	1
	23

Michigan

Colonel,	1
Captain,	1
	2

Minnesota

Colonel,	1

Mississippi

Colonel,	1

Missouri

Major General,	1

Montana.

First Lieutenant,	1

New Hampshire

Colonel and Assistant Adjutant General,	1
Colonels,	6
Majors	2
Captains,	3
First Lieutenant and Adjutant,	1
Second Lieutenant,	1
	16

New Mexico

Colonel and Adjutant General,	1

New York.

Adjutant General	1
Colonel and Assistant Adjutant Generals,	2
Colonels,	3
Captains,	2
Majors,	5
Corporals,	2
	15

North Carolina

Major General,	1
Colonels,	3
Major,	1
	5

North Dakota

Captain,	1

Ohio

Captain,	1

Pennsylvania.

Major Generals and Quarter-Master General,	1
Major General,	1
Captains,	3
First Lieutenant,	1
	6

Rhode Island

Colonel,	1
Major,	1
Captain,	1
	3

South Carolina

Brigadier General,	1
Colonel,	1
Captain,	1
First Lieutenant and Adjutant,	1
	4

Tennessee

Major General,	1

Texas

Colonel,	1

Vermont

Major General,	1
Brigadier Generals in command of state militia	2
Adjutant General,	1
Brigadier and Quarter-Master general,	1
Brigadier Generals,	2
Colonels,	6
Major,	1
Chaplain,	1
Captains,	21
First Lieutenant and Adjutants	5
First Lieutenants,	6
Second Lieutenants,	10
Ensign,	1
Sergeant Majors,	2
First Sergeants,	2
Sergeants,	6
Corporals,	4
	72

Virginia

Colonels,	2

Washington

Brigadier Generals in command of state troop,	1

Wisconsin

Quarter-master General,	1
Colonels,	2
Captains	2
	5

SERVICE IN THE MILITIA BY RANK

Major Generals,	8
Quarter-Master General	1
Brigadier Generals,	11
Brigadier and Adjutant Generals,	3
Colonel and Adjutant Generals,	4
Colonels,	38
Lieutenant Colonels,	4
Majors,	14
Surgeon,	1
Chaplain,	1
Captains,	57
First Lieutenant and Adjutants,	9
First Lieutenants	12
Second Lieutenants,	12
Ensign,	1
Sergeants Majors,	4
First Sergeants,	3
Sergeants,	7
Corporals,	7
	197

CHAPTER X

HISTORY OF FRATERNITIES, ALUMNI ASSOCIATIONS AND UNIVERSITY PUBLICATIONS

INTRODUCTION—THE REGULATORS—FRATERNITIES—COMMONS CLUB—THE GENERAL ALUMNI ASSOCIATION AND THE NEW YORK, BOSTON, VERMONT AND ST LOUIS ASSOCIATIONS—UNIVERSITY OWL—REVEILLE—WAR WHOOP—THE RECORD.

One of the most distinctive features of our American college life is the Fraternity. The "Frat" is the chief social factor of a college; within its walls the students meet for social, literary, and fraternal purposes.

By many educators the fraternities are considered a menace to the life of a college, but a careful study of the history of the numerous fraternities show that they have been productive of much good to the various institutions of learning. The competition between the fraternities of a college in securing members tends to increase the scholarship and deportment of the students. The alumni of the various colleges will remember the many arguments given in "chinning" for new members as the high rank of their "frat" in scholarship, its prominence in literary work, athletics, etc. Then, too, the carrying on of a successful campaign each year, for new members, gives a valuable training to the students in the practical affairs of life. In these campaigns the students learn human nature and gain the first practical knowledge in handling men, which is the greatest factor in a successful career.

The necessity for "societies" was early felt in the old "Academy." In chapter 1 (pages 51 and 52) is given an account of the Polemic and Franklin societies. From 1835 to 1852 several literary societies were organized (see pages 81-83). In 1847, the Amethyleton society was organized and continued in existence but a short time. The Philomathian society was founded in the fifties.

The Parthenon society was organized in 1859. It had a membership of 48 in 1860, and of 44 in 1861. The officers in 1860 were Charles Morton, president, S. W. Shattuck, vice-president, Nathaniel Irish, orator, Charles A. Curtis, poet, G. M. Bascom, censor, Josiah Hall, secretary, E. C. Saltmarsh, treasurer, C. B.

Stoughton, G A Converse, and Thomas W Eayre, standing committee. In December 1860, the officers were. Thomas W. Eayre, president, Charles B. Stoughton, vice-president, Elias F Smith, orator, Charles A Curtis, poet, T H Kellogg, censor, G A Converse, secretary, L A Chandler, treasurer, E. T. Jones, A B Hutchinson, and W A Phillipes, standing committee The officers in 1861, were Charles B Stoughton, president, Edward T. Jones, vice-president; L D Allen, orator, Charles A. Curtis, poet, W A Phillipes, censor, W S Dewey secretary, J B Thompson, treasurer, C. H Atwood, G A Converse, and Rody Patterson, Jr, standing committee In 1862, the Parthenon society was disbanded and in its place two societies, the "Athenian" and the "Platonian" were formed

The membership of the Athenian society was as follows 1862, 57, 1863, 71, 1864, 73 The officers for 1862 were Charles E Bush, president, Adin H Whitmore, vice-president, Henry E Alvord, secretary, William S Dewey, treasurer, R. L. Moses, censor, W S Vernam, reader, D F Phelps and H M Phillips, critics, In 1863. C E Rich, president, F A. Sawyer, vice-president, C J. Chapin, secretary, C. D Gregory, treasurer, J S Potter, censor, R C Lord, reader, W F Bascom, and D F Phelps, critics, W S Dewey, R L Moses and C F Thorndike, executive committee, 1864 C. F Tillinghast, president, C N Kent, vice-president, W F Bascom, secretary, C. F. Thorndike, treasurer, E D Adams, censor, F A Sawyer, reader; John H Osgood, and W F Ladd, critics, James V Sweetser, M B. Stebbins and John C Boyd, executive committee

The membership of the Platonian society was as follows: 1862, 52, 1863, 72, 1864, 73 The officers for 1862 were T. H. Kellogg, president, Rody Patterson, Jr, vice-president, W H Chaffin, secretary, George W Smith, treasurer, L Byron Fuller, censor, Norman Call, reader, T J Lasier and G H. Ober, critics, In 1863 Rody Patterson, Jr., president, Charles H Atwood, vice-president, Curtis S Barrett, secretary, F H McCulloch, treasurer, A W White, censor, T J Lasier, reader, G A Folsom and J S Richards, critics. In 1864 Thomas J Lasier president, Charles H. Smart, vice-president, Charles B Ormsbee, secretary, Thomas S. Thorndike, treasurer, J M Glidden, censor; William Fiske, reader, W H Johnson and J S Richards, critics The records of the societies for the years 1864-66 are not obtainable.

The [illegible] continu[illegible]

field. The membership in 1860 was 16; 1861 8; 1862, 16; 1863, 15; 1864, 29. The officers in 1860 were Edward T. Jones, and Edwin A. Chandler, presidents, G. A. Converse, vice-president; Van B. Sleeper and H. E. Alvord, secretaries; J. W. F. Washburn and J. H. Cocroft, D. K. A. A. In 1861, James H. Cocroft, president; William R. Hoyt, vice-president; Norman Call, secretary; Albert Sabine, D. K. A. A. The roster of officers for the years 1862-66 has not been preserved.

The first Friendship Club was organized in 1852, and in each year until 1860 this organization was continued. These clubs were formed for social purposes and were all pledged to meet on Norwich Plain in the "Year of Jubilee," 1860. At that time the General Alumni Association (q. v.) was formed by the club members.

Beginning of the Hike of 1907.

The Regulators

The Regulators was the first secret society formed at the University It was established in 1853, to correct through its secret, but effective influence, certain wrongs then tolerated Its members were unknown to the profane, its meetings were secret It established the *University Regulator*, (q v ,) the first paper published by the cadets at the University

The organization was continued until 1855 The society held regular meetings for initiation, with a blood curdling ritual and wonderful paraphernalia, and for the self-imposed task of *regulating* the internal affairs of discipline and social order of the University On Friday August 11, 1854 (the day after commencement,) the society elected the following officers Conscript Father, Chevalier James H Jerusalem, Vice or Assistant, Ensign Japhet Spondax, Scribulator, Col Reuben Y Stepandfetchit, Vice or Assistant Chaplain Wheed'le, Executive Committee Lieutenant Charlemange, Major-General Squib, Cornet Fizz'ler

The membership in 1854, was as follows

No.	Society Name	Name	Residence, 1854	Residence, 1911
1	Major-General Squib	George E Bryant	Fitzwilliam N H	Obit Madison, Wis ,1907
2	Ensign Japhet Spondax	Oscar H Leland	Baltimore, Vt	Waco, Texas
3	Chev James H Jerusalem	Oscar E Learnard	Bakersfield, Vt	Lawrence, Kan
4	Col Reuben Y Stepandfetchit	Henry O Kent	Lancaster, N H	Obit Lancaster, N H 1909
5	Captain Falstaff	John Mitchell	Claremont, N H	Obit Des Moins, Ia 1890
6	Lieutenant Charlemange	William D Munson	Colchester, Vt	Obit Colchester, Vt ,1903
7	Major Flippertyflopperty-gibusbum	Edmund Jaeger	Columbus, Ohio	Obit
8	Corporal Squinteye	Epaphroditus H Seymour	Middlebury, Vt	Obit, 1864
9	Sergeant Steuben	William H Fullerton	Windsor, Vt	Windsor, Vt
10	Lieut Gen Bombastes Furioso	Egbert Phelps	Middlebury, Vt	Joliet, Ill
11	Cornet Fizzler	Jonas H Platt	Plattsburg, N Y	New York City
12	Adjutant Duffup	Zephaniah Platt	Colchester Vt	Obit Hudson, Wis ,1880
13	Surgeon Potiphar	S Hammond Curner	Norwich, Vt	Obit Norwich, 1890.
14	Lieut Col Peter Snooks	Dunbar R Ransom	Norwich, Vt	Obit Fort Worth Tex 1897
15	Chaplain Wheedle	D Franklin Andrus	Norwich, Vt	Obit Somonauk, Ill ,1859
16	Butler Obadiah Squeezle	Sayles Nichols	Burlington, Vt	Burlington, Vt

A true record—Attest

STEPANDFETCHIT, *Scribulator*

THETA CHI.

The Theta Chi Society was founded April 10, 1856, at Norwich University then located at Norwich, Vermont. Its founders, were Arthur Chase of the class of '56, and Frederick Norton Freeman, '56. It was their desire to provide for the benefit of their *Alma Mater*, a society in which fellow students might receive that training in the study of literature and in debate which was so important a part of the education of the young man of the period; it took the form of a secret society.

The Theta Chi Chapter House, Northfield.

The emblem of the fraternity and the name Theta Chi were adopted at the suggestion of Egbert Phelps, a former student of "N. U." and at that time a student at Union College.

The Constitution of the society provided for making it a national organization, but it remained a local for forty-six years, following the fortunes of Norwich University, through the Civil War; and upon the burning of the college buildings at Norwich, went with it to Northfield, Vermont.

While the literary features have for the most part disappeared with the term "society," the fraternal spirit has increased with

the adoption of the fraternal designation The Charter roll is as follows

1856	Alpha Norwich University,	365
1902	Beta, Massachusetts Institute of Technology,	44
1907	Gamma University of Maine,	61
1908	Delta Rensselaer Polytechnic Institute,	19
1909	Epsilon, Worcester Institute of Technology,	32
1910	Zeta New Hampshire State College,	32
1911	Eta Rhode Island College	30

Active chapters, 57 Total membership, 586.

While the career of Alpha Chapter has been for the most part uneventful, its growth has been steady, and though with the University, it suffered a decline during the years following the Civil War latter days have been exceedingly prosperous No class since its inception in 1856, except that of '71, has failed to contribute to its membership, and for the past thirty years the contribution has been remarkably large The Chapter was incorporated November 22, 1888, under the laws of Vermont as the Theta Chi Fraternity of Norwich University, and now owns and occupies its chapter house

Beta Chapter was instituted, December 13 1902, through the efforts of Park Valentine Perkins, Alpha, N U , 1905 The chapter has been prosperous though conditions at the Massachusetts Institution of Technology are unfavorable to fraternity life by reason of its location in the center of the city, and the fact that the homes of a large portion of its students are in the immediate vicinity. Those members of the chapter who remain in the city occupy a house which is used as the headquarters of the chapter

Roy Melville Blanchard, Alpha "N U " 1907, was instrumental in placing on May 21, 1907, Gamma Chapter at the University of Maine This chapter was formed from a local society called Delta Mu The chapter built and now occupied a house on the campus which is one of the finest of the many fraternity houses at the University

To Harvey Bushnell Davenport, Alpha, "N U ," 1911, and to the efforts of Martin A Murray Jr R P I 1911, was due the placing of Delta Chapter, on September 25, 1908, at Rensselaer Polytechnic Institute The chapter leases its fraternity house.

Epsilon Chapter was formed at Worcester Polytechnic Institute, March 20, 1909 from a local society called Pi Omega Pi, through the efforts of Robert Thomas Pollack, Beta, M I. T , 1908, and Sh [illegible]

A general association of Alumni of the Fraternity was established February 22, 1907, at Boston, Mass. This gave way February 20, 1909, to the Boston Alumni Chapter, the first alumni chapter formed.

Questions of government were referred to the parent chapter previous to the first national convention, December 22, 1906, and after that date to the convention till the organization of the Grand Chapter, February 22, 1908. The Grand Chapter is composed of graduates and was incorporated under the laws of Massachusetts, June 16, 1908. The legislative power is now vested in the convention, the administrative, executive and judicial in the Grand Chapter. The constitution was revised in 1893 and again in 1909.

Conventions of the fraternity were held at Boston, Mass., December 22, 1908, and February 20, 1909. Summer meetings are held in or about Boston at which all active and graduate members within reach of the city are present.

Two rosters of the fraternity have been published both by Alpha Chapter, one in 1894 and the other in 1906, on the occasion of the fifteenth anniversary of the organization of the fraternity. The official badge is a coiled serpent with its tail crossed to form a "θ" and two crossed swords to form a "Λ". A secondary badge has the serpent and crossed swords mounted on enamel with a "θ" above and a "Λ" below the emblem. The edges are jewelled.

Among the prominent alumni are Charles Foster Sayles, '57, engineer on construction of Hoosac Tunnel, Edward Bancroft Williston, '56, brigadier general U. S. A., retired, Portland, Oregon, George Albert Converse, '63, rear-admiral U. S. N., Henry Elijah Alvord, '63, major, Massachusetts cavalry, college president and prominent agriculturist, Julius Jacob Estey, '64, brigadier general, Vermont Guard, president of the Estey Organ Co., William Rutherford Mead, '64, distinguished architect, Henry Moses Phillips, '64, brevet captain, Massachusetts volunteers, state senator, state treasurer of Massachusetts and director in many corporations, Joseph Hiram Goulding, '65, lieutenant U. S. C. I., military secretary of Vermont and bank treasurer, Benjamin Kearney Roberts, '65, brigadier general, U. S. A., retired, Holland Newton Stevenson, chief engineer, United States Navy, George Brainard Blodgett, '67, genealogist, historian and lawyer, William Richard Cutter, '68, librarian, author, historian and genealogist, William Henry Wentworth, '68, civil engineer, builder of many railroads, Walter Dole, '70, clergyman; Burleigh Franklin Spalding, '77, lawyer, member of Congress,

The Theta Chi Fraternity in 1895.

judge; Charles Horace Spooner, '78, educator, president of Norwich University; Prof. John Benjamin Johnson, '79, A. M., C. E., educator and for many years professor at N. U.; Henry Blanchard Hersey, '85, meteorologist, "Rough Rider" and aerial navigator; Robert Liston Irish, '89, physician; Edward Aiken Shuttleworth, '91, captain U. S. A.; DeWitt Clinton Webb, '92, civil engineer, U. S. Navy; Robert Henry Ford, '92, C. E., railroad engineer, member American Society of Civil Engineers; Ernest Willard Gibson, '97, lawyer and state senator; Winifred Ballard Carr, '97, captain U. S. artillery corps.

THE *ΑΣΠ* FRATERNITY.

The *ΑΣΠ* fraternity was founded in the early part of the year, 1857, by Byron H. Kilbourn, '60, Edgar Parker, '59, Robert E Hitchcock, '59, George W Field, '60, Henry A Robbins, '60, William J DePomey, 61, and Julius R Richardson, 61 Byron H. Kilbourn was the prime mover in its organization He had been for some time a student at Yale University and a member of a leading fraternity in that institution He was a popular student and a leader in the corps of cadets, and was able to secure the co-operation of several of the most prominent men in the University

The first ritual was written by Kilbourn and used by the Fraternity until 1858, when Charles A Curtis, '61, became a member The work of remodeling the ritual was given to him, and through his energetic work the fraternity was placed on a sound footing, and it soon became the largest and most prosperous at the University.

In 1869, Captain Curtis again thoroughly revised the ritual, making several important changes in the work. For a time the fraternity held its meetings in the North Barracks and later a house was secured

Through the good work of the fraternity many of the ablest cadets joined its ranks Forty-six, or sixty-five per cent of the members, from 1861 to 1868, served in the Civil War The rank held by the men was as follows colonel and brevet brigadier, 1, colonel, 1, lieutenant colonels, 2, major, 1, lieutenant commander, U S N, 1, paymaster U S N, 1, captains, 14, 1st lieutenants, 8, second lieutenants, 4, sergeant major 1, first sergeant, 1, corporal, 1; privates, 10, drill masters 4

Robert E Hitchcock, '59, 2d lieutenant, U S Marine corps, was killed at the first battle of Bull Run, while leading his company in a charge He was the first Vermonter and the second cadet to die in the support of the Union Thomas O Seaver, '59, and Charles B. Stoughton, '61, as colonels of the 3d and 4th Vermont Regiments, respectively, became distinguished in the war. Colonel Seaver received a Congressional Medal of Honor in recognition of his distinguished services Julius R Richardson, '61, saw much exciting service as paymaster on the U S S *Harriet Lane* Theodore H Kellogg, '62, Charles F Tillinghast, '64, Charles E. Bush, 63, and William S Dewey, 63, were prominent in the organization of the "College Cavaliers" (q v) Curtis S Barrett, '63, performed distinguished service in the quartermaster's de-

partment U. S. Volunteers. Gustavus M. Bascom, '60, and Charles A. Curtis, '61, gained distinction in the regular service. Arthur W. White, '67, was a 1st lieutenant in President Lincoln's body guard. Thomas W. Eayre, '61, gained distinction as captain and assistant adjutant general, U. S. Volunteers. He was shot through the heart while carrying important despatches at the battle of Spottsylvania Court House. Henry A. Robbins, '60, served as surgeon in the Wisconsin volunteers; also as major in the National Guard of France, during the seige of Paris in 1870.

Alpha Sigma Pi House, Norwich.

Upon the removal of the University to Northfield in 1866, the fraternity secured rooms in the Depot building, which were used until March 21, 1877, when a large room was obtained on the third floor of Jackman Hall, now number 35. On April 7, 1877, the first meeting at the Barracks was held in A. B. Quimby's room. Later in the same year the small room adjoining the fraternity was secured, thus giving more ample quarters for the work of the fraternity.

By an act of the State legislature, approved November 23, 1872, the fraternity was incorporated and authorized to "own property and maintain a library and cabinet." The incorporators were: W. G. Owen, '71, James P. Caldwell, '69, and Francis Kimball, '72. *A Σ Π* was the first fraternity incorporated at the University.

In 1908, the charter was amended, and its scope enlarged. The first trustees authorized by the charter were: M. D. Smith, '81, N. L. Sheldon, '84, H. C. Cady '91, F. S. Clark, '09 and Everett Collins, '10.

In 1889, the fraternity secured two rooms on the second floor of Central Block, over the rooms now occupied by C. S. Richmond and F. S. Dyke. Here the fraternity remained until the summer of 1895, when it rented commodious rooms on the west end of the

second floor of the old Governor Paine block The rooms were finely fitted up. The well selected library of several hundred volumes was catalogued and a reading room was begun

On May 14, 1899, the Governor Paine block was burned, and in the same year, through the assistance of the alumni members the fraternity purchased the property it now owns on the corner of Main and Parade Streets The land, about one and one-half acres, extending west to the University property and south to the U S Weather Bureau grounds, is one of the most valuable sites in town

In 1899, the interior of the house was remodeled, and since this date several changes have been made, but a larger house is now needed and steps are being taken to secure a building that will be a credit to *AΣΠ* and "N U" In 1907, the fraternity published, under the editorship of F S Clark, '09, W P Fraser, '08, and R A Eaton, '08, a history and roster of the members, a work of 87 pages

The total membership to date is 455 The active membership, 32 Many of the members have become prominent in the various walks of life Edward D Adams, '64 is one of the most prominent "Captains of Industry" in this country C L Rich, '63 W S Dewey, '63, J J Dewey, '65, Channing Swett, '66, H J Howe, '69, W R Dorr, '72, Franklin J Save '73 H B Thayer, '77, W P Clement, '73, H C Cady 91 R B Denny, 91, and H A Woodruff, 91, have met with marked success in business and banking The following members have gained prominence in the profession of law A B Johnson, '67, C M Johnston, '73, L S Cull, '80, N L Sheldon, '84, E R Luckett '89 H N Cross, 89, and C A. Plumley, '96 Charles A Curtis, '61, was a well known writer Charles Marseilles, '69, George D Thomas, '76, George R Miner, '83 and I B Johnson, '88, have met with marked success as editors William M Rumbaugh, '76, was for many years a faithful professor at "N U" M A Howe, '82, C. K. Mellen, '84, E A. Shaw, '91, A E Winslow, '98, and K R B Flint, '03, are successful teachers.

A large number of the members are meeting with success as civil engineers C W Mead '81, gained prominence as an engineer in the Philippine Islands and China Among the other successful engineers are C G. Griffith, '73, C J. Luck, '76, F W Conn, '81, H I Betts, '85, C H Cheney, '86, C H Nichols, '86, W E Hassam, '87, W S Prior, '89, F. H Clark, '89, C F Parker, '90, Charles Collins '00 H P Holden '01 P C De '05,

John L Collins, '96, J. L Averill, 96, F W Denison, '98, F T. Bass, '01 L B Stebbins, '01, and H C E Rainey, '04

The following members are officers in the U S Army captain, F T. Austin, '88, 2d lieutenants, G F. Waugh, '01, W F Robinson, '03, M D Wheeler, '03, K F Baldwin, '08, I S Clark, '09, Everett Collins, '10. The following members are now officers in the U S Marine Corps captains, H I Bearss, '98, and Seth Williams, '03, 1st lieutenants, H O Smith, '04, 2d lieutenant, D F Smith, '08 George P Colvocresses, '66 is a rear-admiral U S N (retired) and W Pierce Brown, 07, is a passed midshipman in the Navy

A number of the most prominent graduates and past cadets have joined the fraternity as honorary members The following cadets now deceased were for many years active in the interest of the fraternity George W Balloch '47, Gen Newell Gleason, 49 Dr George P Greeley, '53, Capt W H H Hall, '47, Col H O Kent, '54; George W Hobbs, '59; Prof Asa Howe, '43, Col Charles H. Long, '55 Col Charles H. Lewis, '55, and Gen. Edmund Rice, '60 Of the honorary members now living, mention should be made of the services of Gen G M Dodge, '51, Rev H F Hill, '67, O S Tenney, '45, and Samuel T Wellman, '66 The members of the fraternity have been distinguished for their loyalty to their *Alma Mater*, neglecting the needs of the fraternity when the interests of the University demanded and Gen G M Dodge, 51, and Edward D Adams, '64, were the heaviest subscribers toward building Alumni Hall They have also given liberally to the University for other needs W R. Dorr, '73, was a liberal supporter of the University. W. S. Dewey, '63, John J Dewey, '65, W P. Clement, '72 E McC Peters, '80, and N L Sheldon, '84, have also given the University much financial assistance Capt Curtis S. Barrett, '63, through his magnificent gift of $100,000 to the University, proved a benefactor to the Institution

THE ΣΦΕ FRATERNITY

On May 9, 1905 twelve students of Norwich formed a local fraternity known as the Delta Kappa Psi, which had for its charter members Percival Sinclair, and the following cadets of the class of 1908 Irving B Edwards, Irving R Bickford, Philip V Sherman, Thomas W Brown, Ernest C White, Hollis L Muller, William L Norton, Fay H C. Groves, Harry A Nims, and Leonard J Clarkson

After existing about two years as a local society the members decided to petition a national fraternity for a charter This they secured on March 18, 1908 The local chapter then became Xi Alpha Sigma Phi Epsilon At the conclave held in Chicago the same year, the enumeration of chapters by states was adopted and the local name became Vermont Alpha Chapter

The fraternity publishes a quarterly known as the "Sigma Phi Epsilon Journal" and conclaves have been held as follows: 1904, Richmond, Va , 1905, Pittsburg and Washington, Pa , 1906, Philadelpla, Pa ; 1907, Richmond, Va , 1908, Chicago, Ill , 1910, Washington, D C

Sigma Phi Epsilon was founded at Richmond College, Richmond Va , in 1901, by W L Phillips, Carter A Jenkins, Benjamin D Gaw, W Hugh Carter Thomas T Wright, William A Wallace

The fraternity was incorporated under the laws of Virginia in 1902, and at present consists of 27 active chapters with a membership of over 300

The chapter roll is as follows.

Va Alpha—Richmond College
W Va Beta—W Va , University
Pa Beta—Jefferson Med College
Pa Gamma—University of Pittsburg
Ill Alpha—College of P and S Univ of Ill
Colorado Alpha—University of Colorado
Pa Delta-Univ of Pennsylvania
Va Delta—College of William and Mary
N. C. Beta—N C Col of Agr and Mech Arts
Ohio Alpha—Ohio Northern Univ.
Ind Alpha—Purdue Univ
N Y Alpha—Syracuse Univ.

Va. Epsilon—Washington and Lee Univ.
Va. Zeta—Randolph-Macon College
Ga. Alpha—Ga. School of Technology.
Del. Alpha—Delaware College.
Va. Beta—Univ. of Virginia.
Ark. Alpha—Univ. of Arkansas.
Pa. Epsilon—Lehigh University.
Va. Theta—Va. Military Institute.
Ohio Gamma—Ohio State University.
Vt. Alpha—Norwich University.
Ala. Alpha—Ala. Polytec. Institute.
N. C. Gamma—Trinity College.
N. H. Alpha—Dartmouth College.
D. C. Alpha—Geo. Washington Univ.
Kansas Alpha—Baker University.

THE COMMONS CLUB

Until 1902 the $\theta\Sigma$ and the $A\Sigma\Pi$ fraternities had been able to furnish society life for all the cadets, but with the increased attendance and the consequent restriction of the membership of the fraternities, a number of the men were left without society affiliations. In 1903, the non-fraternity men perfected a partial organization and in that year held a banquet. After that date several banquets were held, usually at "Doc" Janyrin's farm. In the winter of 1906, the Commons Club was organized at a dinner at the Northfield House, and at that time forty men signed the constitution, but several dropped out when the $\Delta K\Psi$, now the $\Sigma\Phi E$ fraternity was formed.

For some time the club held its meetings in the chapel. Later, the Professor Dole house at the Center was rented and fitted up as a club house. In 1908, the new house adjoining Professor Shaw's residence at the Center was rented. In February 1910, the active members of the club, cherishing longings that only fraternity affiliations could satisfy organized the $\Phi K\Delta$ fraternity, and the existence of the Commons Club was suddenly terminated. The alumni of the club strenously opposed the movement, but without success.

In the fall of 1910, the question of re-organizing the club was discussed by the undergraduates and the alumni of the old club. Through the energetic work of M. J. Buck, '12, and D. E. Field '11, a permanent organization was finally perfected in December. In December, 1910, the organization was incorporated by the state legislature as the Commons Club of Norwich University. The Professor Dole house at the Center, which had been opened in September as a cadet boarding hall, was secured as a club house. Through the assistance of the alumni members of the old club, and benevolent friends, the house has been comfortably furnished.

The basic principle of the club is the idea that college life, especially in small colleges, should be more in common, and that fraternities as operating at Norwich are destructive to a true democratic spirit and injurious to military discipline. Consequently the organization aims to give a chance to the non-fraternity men to become better acquainted with each other.

The Commons Club is not a local institution, but is a federation of clubs of non-fraternity men from several colleges. Wesleyan is the oldest member and it was from her that the Norwich branch took its name and organization. It was by the efforts

of the Norwich club that the national club was formed at a meeting in the Dartmouth Commons house in the winter of 1906–07. At the next convention there were delegates from Wesleyan, Amherst, Brown, Union, Middlebury and Norwich. The third meeting was held early in 1909, in Northfield The strong Tufts club was added to the membership At present there are five clubs Middlebury, Tufts, Union, Wesleyan and Norwich in the federation and other clubs are to be admitted during the year This organization seems to solve the problem of the non-fraternity men, but its work will not be completed until the non-fraternity men in every college are taken care of and are joined in one great body

W. S. Clark, '06, served as the first president of the club and T J Holland, '07, as the first vice-president T J Holland, '07, was the second president and continued in office till the middle of the year 1906–07 when he left the club to join a fraternity, R. C. North, '08, was then elected to succeed him and followed in his steps somewhat later.

The presidents of the club have been as follows W. S Clarke, '06, 1906, F. J Holland, 07, June-1906, Jan-1907, R. C North, '08, January–June, 1907, F V Bourdon, 08, and R V Root '08 1907-08, H. T. Clark '09, 1908–09 The officers for 1910–11 are as follows president Don E Field, '11, vice-president, Milton Jacobs, '12, secretary, Archie R. Cram, '12, treasurer, Arthur E Taplin, '12 steward, Myron J. Buck, '12.

ROSTER OF MEMBERS

1906
Carbonell, J M
Clark, W S

1907.
Funk, C D
Hoyt, D LeRoy
Leonard, O Y
Lindsey, G P
Parker, E F
Sharp, W H.

1908.
Bourdon F V
Chase, S I
McCarthy, F. J
Root, R V
Sjovall, A H

1909
Adams, Conrad
Auge, L E
Cassidy, C P
Cole, Ray A
Dunlop, Robert
Ripley, Edward
Seiple, R H
Whitman, C E

1910
*Barrows, Martin
Dillingham, G W
Noyes, Albert

1911
Cosman, A M
Donahue, Edward J
Durfee, Edson W
Field, Dorr E
King, D. E
Lintelle, G W
Tong, G H
Uman, G L.

1912.

Buck, Myron J.
Cram, Archie R.
Hooper, Norman
Jacobs, Milton
Taplin, Arthur E.
Whipple, Charles L.

1913.

Ayers, Max G.
Butler, Howard L.
Cheney, Paul E.
Marcott, Albert H.
Miller, George F.
Whitney, John

1914.

Barnes, Clinton C.
Cheney, Stewart
Collins, Edward J.
Fisher, Harry C.
Lawrence, Homer H.
Patterson, Daniel W.
Reaside, Edmund R.
Sparhawk, Maurice C.
Towsley, Philip C.
Wheeler, Alton G.
Yarrington, Eugene N.

SIGMA THETA BANQUET.

A pleasing incident took place in the camp of the Vermont regiment at Chickamauga Park, Ga., on Wednesday evening of June 29, 1898. The members of the ΘX and $\Lambda\Sigma\Pi$ fraternities, who were serving in the regiments, held a joint fraternity meeting and banquet in the tent of Capt. F. L. Howe, '79, of Co. F. About twelve members were present. It is stated that an elaborate menu was served.

The toasts were responded to as follows: "Old 'N. U.,'" Lieut. Carl G. Dole, '91; "Recollections of the War of '98, and the Shooting of the Spanish Spy," Corp. R. G. Rich, '00; "Absent Members," Private L. A. Skinner, '96; song, "It Is My Last Cigar," Corp. F. L. Howes, '96; "The Tin Soldiers: May their Valor Never Diminish," George F. Baley, '93; "The Future of the Sigma Theta," Sergt. H. R. Dole, '96; Hospital Sergt. Homer J. Dane gave an interesting dissertation of some of the abstruce details of his department. Lieut. George Tilden of Co. F represented the trustees of "N. U."

PHI KAPPA DELTA FRATERNITY

The peculiar conditions of affairs existing in the Norwich Commons Club, and which existed for two years, led those most interested in her future welfare to do something which would put the club in its real light and position before the college and the community at large. Accordingly after deep and mature consideration the club, on February 12, 1910, voted to change its name to the Phi Kappa Delta Fraternity. The general prosperity of the fraternity since then has justified the action of its members in changing its name.

The early history of the fraternity is that of the Norwich Commons Club and will not be repeated here.

Its present home is a pleasant three-story building on South Main street, near the Center village.

The active members are as follows:

1910

John W. Alger
Louis W. Balcom
Woon Lov Chun
Tyler W. Eade
Paul S. Emerson
Walter B. Frost
Everett T. Giles
Harold V. Kendall
Frank I. Robinson
Joseph H. Whitney

1911.

Neal W. Beattie
Glen M. Eastman
George G. Foster
John O. Goodrich
Millard W. Park
Albert J. Riley
Fenton J. Smith
Leslie E. Stevens
Bert J. Young

1912

Walter F. Adams
Carroll F. Blanchard
Giles A. Hutchinson
Clyde F. Joslyn
Herman C. Kendall
Frederick C. McCarthy
Earl H. Parkman
Alanson E. Platt
William E. Scanlon
Herbert M. Sherwin
Edward P. Thermo
Louis R. Witt

1913

Leslie M. Adams
Clayton H. Alvord
Charles B. Burch
Francis T. Burke
Francis X. Lee
Joseph P. Lee
Sidney W. Marble
Edmund P. Shaw
Lyman E. Snow
Harold H. Thompson
Raymond H. Underhill

1914

Rollin A. Burditt
Stanley G. Kendall
Francis M. Mahard
Lee J. Scott
Arthur C. Shepard
William W. Washburn

THE GENERAL ALUMNI ASSOCIATION

The General Alumni Association of the University had its origin in the Friendship Clubs, founded in 1852

In 1852, the graduating class, together with congenial friends among the undergraduates, organized the Friendship Club, No 1, which pledged itself to meet in Norwich at the commencement of 1860. Each succeeding year, clubs were formed until the reunion in 1860

The organization of Friendship Club, No 2 was as follows

NORWICH, VT, June 22, 1853

"We the undersigned members and former members of Norwich University do by our signatures voluntarily organize ourselves into a society for the purpose of keeping in remembrance those friendly feelings and that brotherly regard which now exists among us

"This society shall be called the Friendship Club, Number 2 Its officers shall be a President Vice-President and Secretary

Providence permitting we hereby pledge ourselves that we will meet on Norwich Plain at Commencement if there is one, in 1860 if not, on the first Thursday after the third Wednesday in August of the above mentioned year

'Officers J E Ainsworth, president, W M Bates, secretary S H Curner, assistant secretary, vice-presidents Egbert Phelps, Henry O Kent, George Dewey, members Howard C Bancroft Jonas H Platt James Hollister, Edward K Harris, D Kellogg Comstock Z. Platt Benjamin M Beckwith, A Gordon Hall E H Seymour Sayles Nichols, George Olcott Jr, Honorary Alfred M Channell D F Andrus Robert T Potts H A Gillum George E Bryant W R Vermilye"

The organization was formed as agreed upon in 1860 The notice of the first meeting was as follows

NORWICH UNIVERSITY

THE REUNION OF 1860.

"The undersigned a committee appointed by the faculty of Norwich University, and designated by the various societies whose reunion is contemplated upon the occasion of the coming Commencement, take this method of conveying to former cadets information regarding the date of the jubilee, and so far as practicable the order of exercises to be observed on that occasion

'Commencement will occur on Thursday, August 16 1860, and ample provisions have been made for its observance by the authorities of the University and the cadets at present at the Institution It is desired that all who expect to participate in the celebration of the reunion reach Norwich, so far as pos

'Wednesday forenoon will be occupied by the several societies in preliminary meetings as well as perfecting an official order of exercise and by all, as a season of social reunion Wednesday afternoon, the different societies and all formerly connected with the institution will assemble at some point hereafter to be designated, when remarks and addresses will be made and delivered by those present It is expected this occasion will be one of much interest Wednesday evening a supper will be prepared at which all former cadets are requested to be present Thursday will be occupied by the usual exercises of Commencement Day

"Intelligence received from all quarters warrants the belief that the attendance on this occasion will be very general The different 'Friendship Clubs,' dating from the year 1852, the 'University Regulators' and other societies will be fully represented

"It is hoped that each former cadet of 'N. U' whose business engagements may permit will be present and that 1860 may realize the anticipations of years, in its pleasing observance and fraternal reunion

"Any other information will be very cheerfully communicated upon application to Rev Edward Bourns LL D President Norwich University, or to any of the undersigned at their places of residence

HENRY O KENT, Lancaster N H
ARTHUR CHASE Claremont N H
H N WORTHEN Chelsea, Vt
GEORGE P GREELY, Hollis, N H

Committee"

Norwich University, July 1, 1860

THE UNIVERSITY REGULATORS

At a meeting of the undersigned held at Chicago, in the State of Illinois, in May 1860, the following Preamble and Resolution was unanimously adopted

"Whereas The time of the jubilee eight years ago set apart for our observance, is now fast approaching and no steps having been taken on behalf of our organization to join in the festivities of the occasion in a fitting manner, therefore,

"*Resolved* That notice be given to each member of the University Regulators to appear duly provided with such of the regalia of the order as may be in his possession at the Union House, Norwich Vt, on Tuesday, August 13 1860, at 8 P M, for the purpose of making proper arrangements for an official observance of the ensuing two days

'In conveying the above information the undersigned are most happy to state that the indications are that a full attendance will characterize the occasion of Commencement, and that its observance will be attended with very great interest The different classes and clubs have very generally signified their intention to be present, and there is every reason to believe that the whole affair will be a brilliant success The committee trust that every Regulator will muster at the roll call on the evening of the 13th remembering ever, that however diversified may have been our careers and how distant from each other our habitations, neither the business of life, nor the

miles that intervene between us can weaken that bond of fraternal affection which united us a band of brothers, The Regulators of Norwich University' The committee trust that this information may be seasonably communicated by the recipient of this circular to each brother that all may have due knowledge thereof and govern themselves accordingly

(COL REUBEN Y STEPANDFETCHIT
(CHEVALIER JAMES H JERUSALEM
CORPORAL FALSTAFF
Committee"

The reunion proved as a great success and the Association of the Alumni and Past Cadets, embracing the former students of the University and the old "A L S & M Academy," was duly formed

Colonel Kent was elected president which office he held until 1875 It was voted to hold reunions every five years

The second reunion, held in 1865, was largely attended The men fresh from the fields of war, where the lessons of "N U" had born royal fruitage of chivalry, bravery and devotion, came back to renew old friendship, or, alas! to mourn over the comrades fallen The secretaries of War and Navy gave special orders for leaves of absence to many of the "N U" men in the service, so the occasion was adorned by many sons of "N U" wearing their country's uniform.

The third reunion was held in Northfield in 1870 but was not so well attended Colonel Kent writes The destruction of the old 'South Barracks' by fire, and the consequent removal of the University from its familiar scenes was indicated by a smaller attendance, ' but as time sped on the loyalty peculiar to the cadet has convinced him that it is not the *place* but the *college* to which his devotion is due

The fourth reunion was held Wednesday evening June 30, 1875 Col H O Kent, 54, presided The future prospects of the University were discussed and steps were taken to raise funds to establish a professorship of Mathematics at 'N U" in honor of Gen. Alonzo Jackman. About four thousand dollars were pledged Capt H E Alvord, '63, was elected marshal, and W P Clement, '72, Dr J H Peck, '65, and George L. Huntoon, '75, were appointed to arrange for an alumni dinner Rev Josiah Swett, '37, gave an eloquent address on the needs of the University. The Association nominated seven candidates for trustees of the University as follows H F Alvord, '63, J A L Whittier, '66, Robert Grosvenor, '68, Charles H Read, '65, J. J Estey, '64, Clinton S Averill, '49, and Dr Joseph Stedman, '59

Capt. C A Curtis, '61, offered a resolution on the necessity of establishing Alumni Associations in Boston and New York The following men were appointed a committee to take charge of the matter Charles N Kent, '64, P A. Eastman, '73, Charles G Griffith, 72, George Steele, '72, A. L Sheldon, '73, W P Clement, '72, S. Dana Hayes, 57, W. B Eaton, '66, C H Reed, 65, and J. A L Whittier, '66 The following men were appointed on the committee to raise funds for the "Jackson Professorship" Rev Josiah Swett, '37, Capt H E Alvord, '63, Prof Charles Dole, '69 It was voted to hold the meetings every five years The following resolution was passed

Resolved That in common with all the other educational institutions of the country, Norwich University must depend for its chief support upon the friendship of its alumni and past cadets That they therefore, should have a voice in its management, and that to retain the good will and hearty co-operation of our Associations, the Trustees should give ear to the alumni, and in filling vacancies occurring in their Board award preference to the past cadets of N U.'

A resolution was passed asking the trustees of the University "to make no alteration in the name of the University, course of study, standard of admission, scholarship, discipline, uniform, or any other characteristics of the Institution." The association met at 5 o'clock, P M., July 1, at the Northfield House Col H. O Kent, '54, was elected president, Thomas J. Lasier, '61, secretary, Charles A Curtis '61 treasurer A vice-president was elected from each class, beginning with 18 6 After the business meeting the alumni dinner was served in the Northfield House. The fifth reunion held at the commencement of 1880, was not largely attended

The association held a short meeting at 11 00 A M., June 18, 1884 Maj O S Tenney, '45, presided.

At 7 30 P M., the sixth regular meeting was held Major Tenney presided A committee consisting of Capt. W M Rumbaugh, '76 F. L. Howe, 80, W P Clement, '72, and S D Conant, '72, was appointed to raise funds to erect a suitable monument in Elmwood Cemetery, in memory of General Jackman Rev. Homer White, trustee, read an original poem, "The Patriot Soldiers," after which the annual banquet was served. The meeting was well attended The officers elected were W P Clement, '72, president; S. D Conant, '72, vice-president and W. P Dorr, '72, secretary.

At the seventh annual meeting, held at commencement of

1888 the following men were nominated to serve as alumni trustees Prof Charles Dole '69, for five years, Major H E Alvord, '63, for four years, Robert A Silver '71 three years B F Spaulding, '77, and J R Moore, '73 one year It was voted to hold an alumni banquet in 1889 and Prof Chas Dole, '69, W E Hassam, '87, and R L Irish '89, were appointed to make the necessary arrangements

The eighth regular meeting was held at the University Chapel, June 26 1889 It was voted to hold the meeting each year instead of quinquennially, and that the secretary should be a resident of Northfield Beginning with this year, blank ballots were sent to the various alumni to vote for the alumni trustees The following men were elected Prof Charles Dole '69, John R Moore, '73, B F Spaulding '77 N L Sheldon '84 The officers elected were president, Joseph Stedman, '59, first vice-president, Prof Charles Dole '69 second vice-president, Prof W. M Rumbaugh '76 third vice-president, E M Carr, '79, fourth vice-president, M A Howe, '82, fifth vice-president F S Parker, '84, secretary Prof J B Johnson '79 treasurer, L B Johnson, '88 The endowment fund of the University was discussed and those present subscribed $1700 as a beginning for a permanent endowment fund. Prof. J B Johnson was elected treasurer of the fund A finance committee consisting of D E Wilmarth, '84 N L Sheldon, '84 R L Irish, '89, and M A Howe, '82 was appointed to solicit for the fund

The ninth annual meeting was held at commencement in 1890 The officers elected were president, N I Sheldon '84, secretary and treasurer, Prof J B Johnson, '79 It was voted to arrange for public exercises in 1891 and to have an evening set apart for the meeting also voted to have the association incorporated as the "Norwich University Alumni Association".

The tenth annual meeting was held at Concert Hall, Wednesday evening, June 24, 1891 Rev H F Hill, '67, delivered the principal address A speech was made by Prof Charles Dole, '69 The "N U" Glee Club furnished the music The banquet was held in the vestry of the Methodist Church. Rev. I. P. Booth acted as toastmaster Toasts were responded to by Major O S Tenney, '45, F. C Hatch, '76, Lieut E H Catlin, U S A Commandant, H. N Cross, '89, Prof. C C Bill, Rev. H. F Hill '67, Rev J Hamilton, pastor of the Methodist Church Dr George Nichols and L B Johnson, '88. George D Thomas, '76, was elected a

The eleventh annual meeting was held at the parlors of the Northfield House, Wednesday evening, June 29, 1892. Vice-president Charles E Dole presided The officers elected were president Charles Dole, '69, secretary, J B Johnson, 79, treasurer, L B Johnson, '88, alumni trustee, E A. Shaw, '91 The officers of the association were made a committee to confer with the trustees of the University, to have the law changed so that the alumni trustee could be elected for five years The secretary was authorized to prepare a general catalogue of the Alumni and Past Cadets The public exercises were then held at Concert Hall, addresses were made by Rev Walter Dole, '70, Hon Frank Plumley, Rev. I P. Booth and L. B. Johnson, '88.

The twelfth annual meeting was held June 27, 1893, at Concert Hall Professor Dole presided George W. Hobbs, '58, delivered the principal address. The old board of officers was re-elected. W. M Rumbaugh, '76, was nominated for alumni trustee

On Aug 2, 1894 the thirteenth annual meeting was held at Concert Hall S D Conant, '72, delivered the annual address Rev. Homer White read an original poem, "The Heroes of 'N U.' (q v) Brief speeches were made by Col H O Kent, '54 Dr J Q A McCollister, '53 Dr Joseph Stedman, '59, and Major H E Alvord, '63 The old board of officers was re-elected The alumni catalogue project was discussed and Colonel Kent and Major Alvord, '63, together with the officers of the association, were appointed to carry on the work

The fourteenth annual meeting was held Wednesday evening, June 24, 1895, Mr N L Sheldon, '84, delivered the principal address Brief speeches were made by J Q A. McCollister, '53; Lieut E A Shuttleworth, U S A., '91, G W Hobbs, '58, Gen. O O. Howard, trustee, and Hon. Frank Plumley. The matter of a drill hall and gymnasium was discussed, and a committee composed of F T Austin, 88, Lieut E. A Shuttleworth, '91, W. E Hulbut, '93, Dr J Q A McCollister, '53, and Prof J. B Johnson, '79, was appointed to attend to the matter The old board of officers was re-elected

The fifteenth annual meeting was held at Concert Hall, Wednesday evening, June 24, 1896 Speeches were made by H F. Hill, '67, Rev Walter Dole, '70, James M. Holland, '83, J. Q A. McCollister, '53, and Rev. I. P. Booth. A song, written for the occasion by George D Thomas, '76, was sung The officers elected were president, Charles Dole, '69, secretary, J. B Johnson, '79, treasurer H C Cady '91

The sixteenth reunion was held in Concert Hall, Wednesday evening, June 29, 1897 Hon J. D Dennison, '68, delivered the principal address Brief speeches were made by Rev. H F Hill, '67, George D Thomas, '76, Capt J M Stanyan, '50, Rev. I. P. Booth, and Hon Frank Plumley The old board of officers was re-elected and Mr. B. W Gleason, '92, was nominated for Alumni trustee

The seventeenth annual meeting was held in Concert Hall, Wednesday evening, June 29, 1898 Mr Charles Marseilles delivered an address on the "Life and Character of President Edward Bourns and Gen Alonzo Jackman, '36 Brief speeches were made by President A D Brown, Prof Charles Dole, '69, N L Sheldon, '84, H L. Swett, '94. The officers elected were President, Prof. Charles Dole, '69, vice-presidents, W A Shaw, '88, and R H Ford, '91; secretary, Prof E A Shaw, '91, treasurer, H C Cady, '91. A necrology committee, composed of W A Ellis, '97, H A Burt, '73, and R H. Ford, '91, was appointed The officers of the association, with Prof J B Johnson, were appointed to look after the commencement exercises and W. M Rumbaugh, '76, was elected alumni trustee. The eighteenth annual meeting was held at Concert Hall, June 28, 1899 Rev S H McCollester, '51, delivered the principal address.

The nineteenth annual meeting was held in Concert Hall, Wednesday evening, June 27, 1900 The Rev Howard F Hill, '67, presided The principal addresses were delivered by Hon B F. Spaulding, '77, and Judge E. R Juckett, '89 Brief speeches were made by Rev. H F Hill, '67, W A Ellis, '97 F B Thomas, '95; James M Holland, '83 The officers elected were president, Prof J B Johnson, '79, vice-presidents, E. A Shaw, '91, Rev. H F Hill, '67, F. B Thomas, '95, secretary, W A Shaw, '88, treasurer, P R Hoefler, '95 Mr N L Sheldon, was re-elected alumni trustee

The twentieth annual reunion was held at Concert Hall, Wednesday evening, June 21, 1901 Prof. E A Shaw, presided. Speeches were made by Rev Walter Dole, '70, Capt E A Shuttleworth, U. S A., 91, F. B Thomas '95, and Rev I P. Booth, trustee The old board of officers was elected and H C Cady, '91, was nominated for trustee It was voted to assist the athletic association in obtaining a coach for the baseball and football teams It was also voted to discontinue the public alumni meetings and hold instead informal meetings F B Thomas, '95, and W E Terrill,

treasurer of same The twenty-first annual meeting was held in the chapel in Dodge Hall, Wednesday evening, June 25 1902

The twenty-second annual meeting was held in Dodge Hall, Wednesday evening June 25, 1903 Speeches were made by Gen G M Dodge '51 George D Thomas, '76 W S Prior, '89 C F Parker, '90 Prof Charles Dole, '69, F W Conn, '81, E W. Gibson, '94, and Rev Walter Dole, '70 The officers elected were George D Thomas, '76, president, W A Shaw, '88, secretary, M D Smith, '81, treasurer, athletic directors, F. B Thomas, '95. W E. Terrill, '89, and H C Cady, '91

The twenty-third annual meeting was held in Howe's Hall, June 22 1904. The following officers were elected president, R. H Ford, '92, secretary, W A Ellis, '97, treasurer, M D Smith, '81, athletic directors, H C. Moseley, '95 W E Terrill, '89, H. C. Cady, '91, treasurer Mr. George D. Thomas, '76, was elected as alumni trustee to succeed Mr N L. Sheldon '84, resigned E W Gibson, '94, was elected alumni trustee After the business meeting a "chafing dish" banquet was served under charge of Prof C S Carleton, '96, H C Cady, '91 H. C Moseley, '95, and W G Huntley, '95 Speeches were made by George D Thomas, '76; M D Smith, '81, J B Johnson, '79, R H Ford, '92 Prof E A. Shaw, '91, Charles H Nichols, '86

The twenty-fourth annual meeting was held in Howe's Hall, Wednesday evening, June 21, 1905, and was one of the most enthusiastic meetings held for several years R H Ford, '92, presided Speeches were made by George D Thomas, '76, president of the Boston Association Gen G M Dodge, '51, president of the New York Association, spoke on the needs of the University and Mr Carnegie's recent gift of $50,000 M D Smith, '81, and H C Cady, '91, also made brief speeches. A report of the Western Association of Chicago was read. A committee consisting of C W Pierce, '92, W A Shaw, '88, and Prof C S Carleton, '96 was appointed to report on the advisability of publishing a technical paper at the University Professor Shaw was appointed to have an official University pin designed It was voted to have an executive committee composed of the officers of the association The officers elected were president, R. H. Ford, '92 secretary, M D. Smith '81, treasurer, H C Cady, '91; athletic committee H C. Cady, '91, F B Thomas, '95, and Prof E A. Winslow, '98

The twenty-fifth annual meeting was held Wednesday evening June 26, 1906, at the office of W. D Smith, '81 The following officers were elected president, R H Ford, '92, secretary and

treasurer, M. D. Smith, '91, athletic committee, I. C. Ellis, '01, H. W. Orser, '02, F. B. Thomas, '95, Mr. H. C. Cady, '91, was re-elected alumni trustee and treasurer of the athletic committee.

The twenty-sixth annual meeting was held Wednesday evening, June 26, 1907, in Dodge Hall. The officers chosen were president, E. A. Shaw, '91, secretary and treasurer, M. D. Smith, '81, committee on necrology, W. A. Ellis, '97, W. A. Shaw, '88, Rev. Walter Dole, '70, commencement committee, H. C. Moseley, '95, K. R. B. Flint, '03, E. A. Shaw, '91, committee on *Reveille* K. R. B. Flint, '03, and J. F. Richardson, '00.

The twenty-seventh annual meeting was held Wednesday evening June 17, 1908. The officers chosen were president, E. A. Shaw, '91, secretary and treasurer, M. D. Smith, '81, committee on necrology, Prof. K. R. B. Flint, '03, W. A. Shaw, '88, Rev. Walter Dole, '70, committee on commencement, H. C. Moseley, '95, Prof. K. R. B. Flint, '03, Prof. E. A. Shaw, '91, committee on *Reveille*, Prof. K. R. B. Flint, '03, J. A. Holmes, '95, and E. A. Lawrence, '04.

The twenty-eighth annual meeting was held at the Armory, Wednesday evening, June 23, 1909. Prof. E. A. Shaw, presided. The constitution and by-laws of the "Norwich University Journalistic Association" was adopted. The officers elected were president, E. A. Shaw, '91, secretary and treasurer, Prof. A. E. Winslow, '98, athletic directors, H. C. Moseley, '95, H. W. Orser, '02, I. C. Ellis, '01, director for the Journalistic Association, A. E. Winslow, '98, alumni trustee, W. E. Hassam, '87. The meeting then adjourned to the main floor of the Armory, where a reception was given to the alumni and visiting friends.

The twenty-ninth annual meeting was held June 22, 1910, at Armory Hall. Prof. A. E. Shaw, '91, presided. A committee was appointed and plans made for the 100th anniversary of "N. U." A committee was also appointed to publish an alumni roster. The following officers were elected: president, E. A. Shaw, '91, first vice-president, Dr. W. G. Huntley, '95, second vice-president, F. B. Thomas, '95, third vice-president, Dr. W. P. Beaudelk, '96, secretary and treasurer, A. E. Winslow, '98, athletic directors, I. C. Ellis, '01, H. W. Orser, '02, W. G. Huntley, '95, obituary committee, W. A. Ellis, '97, Journalistic director, W. E. C. Washburn, '01.

The roster of the officers is as follows:

PRESIDENTS.

'72, Clement, W. P.	1884–89
'89, Dole, Charles	1892–99, 1901–02
'92, Ford, R. H.	1904–07
'70, Johnson, J. B.	1900–01
'51, Kent, H. O.	1866–80
'91, Shaw, E. A.	1907–01
'59, Stedman, Joseph	1889–92
'76, Thomas, Geo. D.	1903–04

VICE-PRESIDENTS.

'96, Beauclerk, W.P	1910
'91, Booth, A. F.	1892–96
'87, Booth, E. V.	1899–92
'98, Bump, L. C.	1906–07
'91, Cady, H. C.	1909
'79, Carr, E. M.	1889–90
'57, Clark, Warren	1860–65
'72, Conant, S. D.	1884–85
'52, Denison, C. Y.	1860–65
'65, Dewey, J. J.	1892–96
'51, Dodge, G. M.	1905–06
'69, Dole, Charles	1889–92
'92, Ford, R. H.	1901–02
'93, Gaynor, E. W.	1907–10
'01, Gibson, E. W.	1905–06
'67, Hill, H. F.	1900–01
'80, Howe, F. L.	1892–96
'83, Howe, M. A.	1889–90
'06, Howes, P. S.	1907
'83, Holland, James M.	1906–07
'65, Houghton, E. C.	1890–92
'95, Huntley, W. A.	1910
'51, Kent, H. O.	1906–07
'55, Lewis, C. H.	1890–92
'76, McIlwaine, T. C.	1892–90
'93, Mattison, H. M.	1904
'84, Parker, F. S.	1889–92
'54, Platt, Zephaniah	1861–65
'00, Richardson, J. F.	1904–07
'76, Rumbaugh, W. M.	1889–90
'91, Shaw, E. A.	1900–01
'88, Shaw, W. A.	1898–99
'91, Shuttleworth, E. A.	1901–02
'52, Simmonds, S. C.	1860–65
'91, Smith, P. G.	1904–05
'60, Smith, S. T.	1860–65
'59, Stedman, Joseph	1860–65
'82, Steele, F. E.	1901–02
'01, Stroug, W. H. C.	1860–65
'95, Thomas, F. B.	1900–01, 1910
'55, Washburn, D. W.	1860–65

SECRETARIES.

'55, Chase, Arthur	1860–65
'72, Dorr, W. R.	1884–89
'07, Ellis, W. A.	1904–05
'79, Johnson, J. B.	1889–98
'64, Lasier, T. J.	1875–80
'55, Phelps, Egbert	1860–65
'91, Shaw, E. A.	1898–00
'88, Shaw, W. A	1900–04
'81, Smith, M. D.	1905–09
'98, Winslow, E. A.	1909

TREASURERS.

'91, Cady, H. C.	1896–00, 1905–06
'61, Curtis, C. A.	1875
'79, Johnson, J. B.	1890–92, 1894–96
'88, Johnson, L. B.	1889–90, 1892–94
00, Hadley, P. K.	1900–03
'81, Smith, M. D.	1903–05, 1906–09
'98, Winslow, E. A.	1909

THE NEW YORK ALUMNI ASSOCIATION

In 1875, an attempt was made to form an association in New York City, but without success

In 1883, General G. M. Dodge, '51, became interested in the matter and called a meeting at the Hotel Brunswick, Wednesday evening, March 28, 1883. About twenty-five of the alumni responded and an organization was perfected General G M Dodge, '51, was elected president and Waldo P Clement, '72, secretary and treasurer After the business meeting the members adjourned to the banquet rooms, which were tastefully decorated. General Dodge acted as toast master, and gave a brief introductory speech on the work and needs of the University Dr C L Hathaway, '69, vice-president of the University, made the principal address The other speakers of the evening were Col Charles B. Stoughton, '61, Maj G M Bascom, U S A, 60, C E Rich '63, W R Vermilye, '55, Maj. H E Alvord, '63, W P Clement, '72, and A L Sheldon, '73. A committee was appointed to make arrangements for celebrating, in 1884, the 50th anniversary of the University, since its incorporation in 1834

An effort was made in February, 1890, to hold a reunion, but without success

The second meeting was held in the parlors of Clark's Hotel at 23 West 23d Street, March 22, 1892 The following officers were elected president, Gen G M Dodge, '51, vice-presidents, Rev C H Fay, '37, C E Rich, 63; W R Mead, '64, and W M Rumbaugh, '76, secretary and treasurer, George R Miner' 83 General Dodge acted as toast master Rev C H Fay, 37, responded to the toast "Norwich University", Mr J K Egerton, a trustee of the University, presented the needs of the Institution Brief speeches were made by Capt George W Hobbs '58 Prof C C Bull, Rev. H F Hill, '67, and W P. Clement, '72

The third meeting was held at Delmonico's, 26th Street and Fifth Avenue, April 13, 1893 The meeting was well attended The guests of the association were General Horace Porter, the distinguished soldier and diplomat, General Swayne Mr Robert J Kimball, president of the Brooklyn Society of Vermonters Judge Russell of New York, a graduate of Dartmouth, General Stanley, U. S. A., Maj H. E Alvord, '63, and Col John R Van Wormer General Dodge delivered a brief address on the military work of the University Prof C. C. Bull of the University gave det

its needs General Horace Porter made an eloquent address and gave interesting facts as to Captain Partridge's military school in Harrisburg, Pa (q v) General Swayne, who had served in the war under General Ransom, '51 and General Dodge, gave an eloquent address on the work of General Ransom in the Civil War Speeches were made by Mr Kimball, General Stanley and Maj H E Alvord, '63 The officers elected were president, Gen G M Dodge, '51, secretary and treasurer, George R Miner, '83 Attempts were made to continue the meetings, but without success In 1901, General Dodge with the assistance of J F Richardson, '00, and W A Ellis, '07, succeeded in placing the association on a sound footing

The fourth meeting was held at the Everett House, Union Square, May 15, 1901 The meeting proved a great success, fully fifty of the Alumni and friends of the University being present Mr W M Bates, '55, a classmate of Admiral Dewey and proprietor of the hotel, did much to promote the meeting by his generous hospitality The guests of the association were Ex-governor U A Woodbury of Vermont, Rev E L Stoddard, '65, Hiram R Steele, a former president of the Brooklyn Society of the Sons of Vermont, and Col John R Van Wormer General Dodge acted as toast master and gave a brief introductory address on the history of the University Governor Woodbury paid a glowing tribute to the work of the University Rev E L Stoddard, '65 gave several reminiscences of his cadet days Hon Isaac T Smith, '28, the oldest cadet, gave an eloquent address on the life of Captain Partridge and the history of the old A L & S M Academy Speeches were also made by Mr Hiram R Steele, Col John R Van Wormer and Dudley F Phelps, '64 General Dodge was re-elected president and Edward McC Peters, '80, vice-president, and W N. Jones, General Dodge's private secretary, secretary and treasurer This board of officers continued until the fall of 1909

The fifth annual reunion was held at the Everett House, May 1, 1902 Over fifty alumni and guests were present General Dodge acted as toast master, and Col H O Kent, '54, gave the principal address Speeches were also made by President A D Brown, Hon Frank Plumley of Northfield N L Sheldon, '84, and Col John R Van Wormer

The sixth annual reunion was held at the Everett House, April 23, 1903 Fifty alumni and guests were present General O O Howard, (q v) a trustee was the principal speaker He

presented the needs of the University and paid a glowing tribute to the work of Generals Dodge and Ransom. Hon. Isaac T. Smith, '28, made an eloquent speech on the work of the University, Gen. W. W. H. Davis, '43, gave an interesting account of his cadet days, Maj. H. E. Alvord, '63, spoke on the work of the College Cavaliers (q. v.) in 1862. Brief speeches were made by D. F. Phelps, '64, Samuel T. Wellman, '66, Colonel Church, editor of the *Army and Navy Journal,* Ex-postmaster General J. S. Clarkson of Iowa, and Colonel John R. Van Wormer of the Union League Club.

A special meeting was held in the office of General Dodge, at 2 P. M., April 14, 1904, at which several of the alumni were present. The matter of a new barracks was discussed and its erection determined upon. This was made possible by the generous aid of General Dodge and Mr. Edward D. Adams, '64.

The seventh reunion was held at the Everett House on the evening of the same day. Sixty-two members and guests were present. The guests were Professor C. C. Brill, Admiral George Dewey, '55, Major General H. C. Corbin, U. S. A., Major General O. O. Howard, U. S. A., Brigadier General John A. Johnston, U. S. A., Major H. W. Hovey, U. S. A., commandant "N. U.", Rev. W. R. Huntington, '55, Hon. Isaac T. Smith, '28, Hon. D. B. Henderson of Iowa, Commander G. P. Colvocoresses, U. S. N., '66, Col. H. O. Kent,' 54; W. C. Church, editor of the *Army and Navy Journal;* and Col. John R. Van Wormer. Professor Brill presented the needs of the University and spoke on the necessity of having a new barracks to accommodate the largely increased corps of cadets, Major Hovey also spoke on the needs of the institution, Admiral Dewey gave several reminiscences of his cadet life at "N. U." and paid a glowing tribute to the memory of General Jackman. General Corbin made a brief speech. Commander G. P. Colvocoresses spoke on the work of Captain Partridge, the founder of "N. U." and the University graduates. Hon. Isaac T. Smith, '28, paid a glowing tribute to the memory of his old instructor, Captain Partridge, General Howard spoke on the needs of the University and asked the co-operation of all those present on the construction of the new barracks. Colonel Kent spoke on the past deeds of the sons of "N. U." Mr. Adams testified to the value of a training received at the University. This meeting was the most successful held by the association.

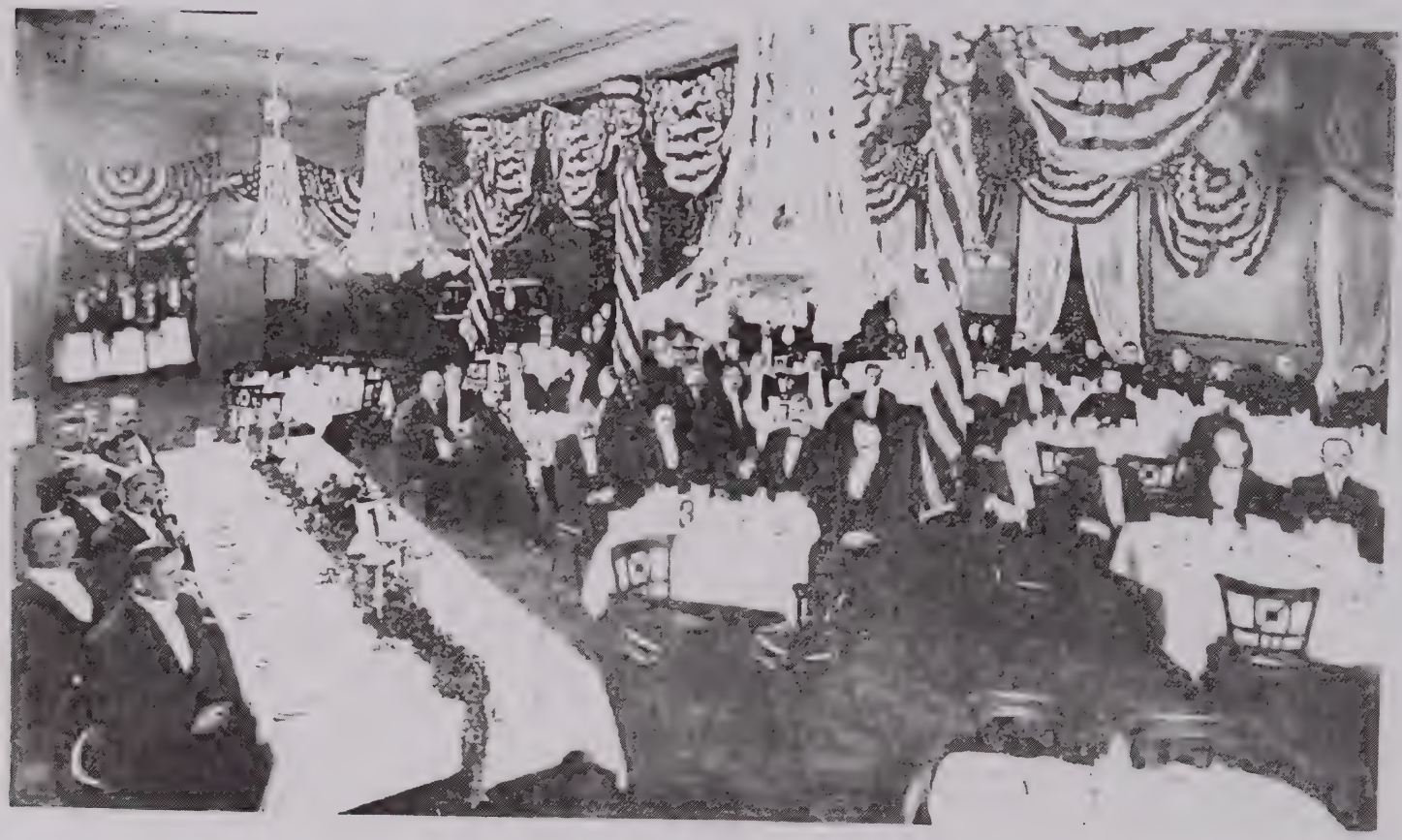
The eighth reunion was held at the Everett House, March 30, 1905. Eighty-four members and guests were present. The

guests of the association were President Charles H Spooner, '78, Major General O O Howard, Brigadier General John A Johnston, U S A, Colonel A H Merrill, Frank Trumbull, president of the Colorado & Southern R R; Ex-Governor U A Woodbury of Vermont, Major General Fred D Grant, U S A, Brigadier General A L Mills, U. S A, Superintendent of West Point, George D Thomas, '76, Major H. W Hovey, U. S A, commandant Col John R Van Wormer, A Noel Blakeman and V G Bogue, C E Seventeen of the corps of cadets were present as guests of the association General Dodge spoke at some length on the needs of the University and the recent gift of $50,000 from Mr. Carnegie. Hon Isaac T. Smith, '28, then ninety-two years of age, gave an address on Captain Partridge's system of education, Col. A. L Mills gave the history of Captain Partridge at West Point and paid a glowing tribute to his services as superintendent General Grant spoke on the work of the cadets of "N U."

Brief speeches were also made by Gen John A Johnston, U S A, Ex-Governor Woodbury, Col John R Van Wormer, Cadet Maj H R Deal, 05, and Cadet Joseph Denny, '05

The ninth annual reunion was held at the Everett House April 6, 1906 Eighty members and guests were present The guests of the association were President Charles H Spooner, '78, Gen O O Howard Hon Frank Plumley, Col W C Church, Gen John A Johnston U S A Gen Horace Porter, Gen. Fred D Grant U S A, Maj H W Hovey, U. S A, A Noel Blakeman, Col John R Van Wormer and Frank Trumbull The corps of cadets were represented by a delegation of fourteen men Speeches were made by President Spooner, General Porter, General Howard, General Grant, Maj. H. W. Hovey, U. S A; R. H. Ford, '92; Cadet Maj. Bradford P. Hovey, '06, of the corps of cadets Mr W A Ellis, '97, was called on by General Dodge to explain in regard to the proposed second edition of the "N U." History

The tenth annual reunion was held at the Murray Hill Hotel, March 9, 1909 In 1906, Mr W M Bates '55 assumed the management of this hotel and the annual banquets have since been held there Ninety members and guests were present The guests of the association were Gen F D Grant, U S. A, Col H I. Scott, U S A superintendent of West Point, Lieut Col Robert Hawze, U S A commandant of West Point, Lieut L A I Chapman, U. S A, commandant, A Noel Blakeman, Prof H. R Roberts of the University, Gen O O Howard, President



New York Alumni Banquet, 1910.

Charles H Spooner, '78, Col W M Church, Frank Trumbull and Col John C Van Wormer. General Dodge made an eloquent address on the early history of the University and the work of the graduates in the Civil War Speeches were made by President C H Spooner, '78, Lieut L A I Chapman, U S A, General Grant Lieut Col Hawze, President Trumbull of the Colorado & Southern R. R, Cadet Lieut. Davis and Cadet Barber.

The eleventh annual reunion was held at the Murray Hill Hotel, February 15, 1908 Sixty members and guests were present The guests of the association were President Charles H Spooner, '78, Governor F D Proctor of Vermont, Maj. Gen. J F Bell, U S A, Gen O O Howard, Gen Horace Porter, Maj Gen F D Grant, Col R L Hawze, U S A., commandant of West Point, and Frank L Fisk Fifteen of the corps of cadets were present and added much to the interest of the occasion Speeches were made by President Spooner, Governor Proctor, General Bell, General Horace Porter, General Howard, General Grant, Colonel Hawze, Lieutenant Chapman, U S A, Frank L Fisk, and Cadet Karl F Baldwin

In 1909, owing to the absence of General Dodge from the city, the regular meeting was not held

A special meeting of the association was held at the Murray Hill Hotel, October 13, 1909 About twenty of the members were present General Dodge presided and gave many reminiscenses of his life on the plains He then told the association that owing to his retirement from active work and his removal to his old home in Council Bluffs, he would have to resign His resignation was regretfully accepted and Mr. Edward D Adams, '61, was elected in his place Commander E McClure Peters, '80 was re-elected vice-president, Charles H Nichols, '86, secretary and treasurer, and B P Hovey '06, assistant secretary

The twelfth annual reunion was held at the Murray Hill Hotel, March 25, 1910 About fifty members and guests were present President Edward D Adams, '64 acted as toast master The guests of the association were President Spooner, '78, Dean H R. Roberts, Capt. L A. I Chapman, U. S A, Prof E. A Winslow, '98, of the University, Lieut James Mayes, U S A, Mr Hiram Percy Maxim, and Dr. Harry M Gokey of Northfield. A delegation of fifteen cadets were entertained by the association. The University quartette, under the leadership of Dr. Gokey sang several songs Lieutenant Mayes delivered an able address on a "Military Education of College Men an Asset of National Defense," [illegible] us "Gun

Silencer'', President Spooner spoke on the needs of the University and Capt. Chapman spoke at considerable length on the military work at the Institution After the banquet the association inspected the New York *Herald's* printing plant The next day the visiting cadets and members of the association inspected the engineering works of the Grand Central Station and the Municipal Building, also the ocean liner *Lucitania*

The thirteenth meeting was held at the Murray Hill Hotel, March 24, 1911 The old board of officers was re-elected. Seventy-three members and guests were present A delegation of sixteen cadets were entertained by the association Mr. Edward D. Adams, '64, president of the Association, acted as toast master. The guests of the Association were President Charles H. Spooner, '78, Maj Gen Frederick D Grant, U S A, Dean Herbert R. Roberts, Daniel C Beard, Capt Frank Tompkins, U S A., commandant; Mr William Parker, delegation of eight Boy Scouts President Spooner and Dean Roberts presented the needs of the University Captain Tompkins gave an outline of the military work at "N. U'' Cadet Gordon spoke on the athletic work of the University General Grant made an eloquent address, in which he complimented the work of the graduates of "N U.'' Dr. Daniel C Beard, the author and artist, was the principal speaker of the evening He gave a history and account of the work of the Boy Scout movement Mr William Barber, "Scout Leader," also gave a brief address on the work of this organization, and, under his command the squad of "Scouts'' gave exhibition drills.

To further increase the good fellowship among the Alumni and past cadets of New York City, a "N. U'' club was organized in 1905 Waldo P Clement, '72, was elected president of the club and F M Goodhue, '91, secretary, later G Harold Ellis, '98, served as secretary

Several meetings of the club were held at the various cafés in the city and were well attended These meetings were conducted until late in 1906, and did much to assist the University.

THE BOSTON ALUMNI ASSOCIATION

The Norwich University Alumni Association of Boston and vicinity had its inception in a call for a meeting of the sons of "Old N U" signed by Dr Joseph Stedman, '59, Col Charles H Lewis, 55, Col Henry O Kent, '54, George D Thomas, '76, Charles H Nichols, '86, C K Mellen '84, and Nelson L Sheldon, '84 As a result of this call about thirty N U men met on the evening of February 5, 1889, at the Quincy House, Boston, Mass, and formed this association

The first president was Dr Joseph Stedman '59, the first secretary, Nelson L Sheldon, A M, '84, the first treasurer, George D Thomas, 76, all of whom have taken a great interest in the development of the Association and their *Alma Mater* The formation of this Association was coincident with the reincarnation of "Old N U"—the breaking away from the traditions of Norwich Plain and the substitution therefor of the spirit developing at Northfield

Colonel H O Kent, '54, gave an eloquent address, speeches were also made by Col Thomas Clarke, '44, Dr J Q A McCollister '53, Hon S H Cross, '59, Dr C L Hathaway, '69, Prof C C Bill of the University; George C Thomas, 76, and N L Sheldon, '84

The second meeting was held at the Thorndike Hotel, February 7, 1890 Dr Stedman was re-elected president, N L Sheldon, '84, secretary, and George D Thomas, '76, treasurer Col Charles H Lewis, '55, made the principal address Speeches were also made by Prof C C Bill, Dr J Q A McCollister, 53, Hon S H Cross, '59 F S Parker, 84, M L Chandler, '86, W A Shaw, '88, and others At this meeting was announced the gift of $1,000 from Gen G. M. Dodge, '51 for the endowment fund. About thirty of the former cadets were present

The third annual meeting was held January 3, 1891, at the Thorndike Hotel Hon Frank Plumley, trustee of the University made the principal address Speeches were made by Prof J B. Johnson, '79, Hon S H Cross '59, Rev Howard F Hill '67, Rev I P. Booth and Mr J. K Egerton, trustees An original poem was read by Capt George W Hobbs, '58 General Dodge, '51, was present, and announced that he would give funds for a new building, which promise was fulfilled in the erection of Dodge Hall, the following year Thirty-three alumni and guests were present J Q A McCollister, '53, was elected

president, N L. Sheldon, '84, secretary, and L D. Wilmarth, '84 treasurer.

The fourth annual meeting was held at Young's Hotel, February 5, 1892 Fifty of the former cadets were present Dr Joseph Stedman made the principal speech Addresses were made by Lieut F C Kimball, U S A, Commandant, George W Hobbs, '58, D E Wilmarth, 84, William R Cutter, '68, George D Thomas '76, composed and read a poem for the occasion. The officers elected were Dr McCollister, president, N L Sheldon secretary, and D E Wilmarth treasurer

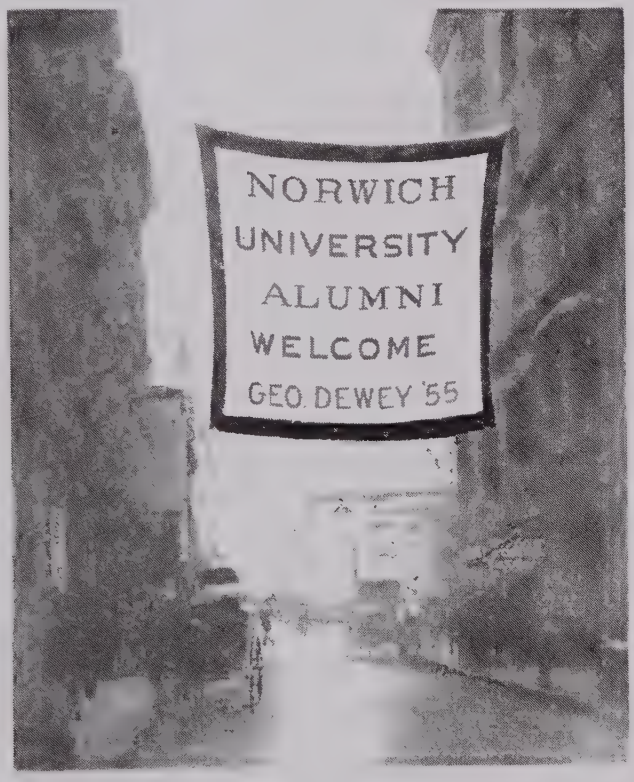
On February 22, 1893, the fifth annual meeting of the association was held at the American House Thirty-five alumni and past cadets were present Dr J Q A McCollister acted as toast master G H Hathaway '24, the oldest cadet, made the principal speech. The other speakers were J. K. Egerton trustee, George W Hobbs, '58, and Prof Charles Dole, '69 The officers elected were president George H Hobbs '58 secretary, N L Sheldon, '84, treasurer, George D Thomas, '76

The sixth annual meeting was held at the American House, January 5, 1894 Twenty-five of the alumni were present George W Hobbs, '58, president acted as toast master The officers elected were George W Hobbs, '58, president, N L Sheldon, '64, secretary, and George D Thomas, '76 treasurer

On February 15, 1895, the seventh annual meeting was held at the Quincy House About thirty alumni were present Rev Howard F Hill, '67, acted as toast master Hon Frank Plumley trustee, was the principal speaker The others giving addresses were William R Cutter, '68 Lieutenant H C Keene, U S A, commandant, Major H E Alvord, 63, J Q A McCollister, '53, S H Cross, '59 H C Cady, '91, P R Hoefler, '95, for the corps of cadets. The officers elected were Rev H F Hill, president, N L Sheldon, secretary, and George D Thomas, treasurer.

The eighth annual meeting was held at the United States Hotel, February 14, 1896 It was the best attended of any of the meetings so far held About forty alumni were present Dr Hill acted as toast master The principal speaker was Prof Chas Dole, '69, vice-president of the University Lieut H W Hovey, U. S A, commandant, gave a very interesting address The other speakers were R B Eaton, '10, Lieut E H Catlin, U S A J Q A McCollister, '53, G T Hobbs '82, and W R Cutter, '68 The officers elected were Rev Howard F Hill, '67, president, N. L Shel

The ninth annual meeting was held at Young's Hotel, February 19, 1897. About fifty alumni and guests were present. Rev. Howard F. Hill acted as toast master President Allan D. Brown, of the University, gave an able address on the needs of the University; Col. Albert Clarke, trustee, made a brief speech. The officers elected were: Rev. H. F. Hill, '67, president; N. L. Sheldon, secretary, and George D. Thomas, '76, treasurer; reception com-



School Street, Boston. Dewey Celebration, 1899.

mittee, Dr. Joseph Stedman, '59; George W. Hobbs, '58, and Fred T. Austin, '88.

The tenth annual meeting was held at Young's Hotel, February 21, 1898. Thirty-six alumni and guests were present. Dr. Hill, president, acted as toast master. The principal addresses were made by Pres. Allan D. Brown, Judge E. J. Sherman, Rev. D. C. Roberts of Concord, N. H., Prof. C. C. Brill and Charles Marseilles, '68. The officers elected were: president, N. L. Sheldon '81; secretary, George D. Thomas, '76; treasurer, Fred T. Austin,

'88; reception committee, Rev H F Hill, '67; W B Eaton, '66, E W Clark, 92, B. H. Prior and D. C. Warren, '95.

On Saturday, October 14, 1899, Boston gave a welcome to Admiral Dewey, "Hero of Manila Bay," in a manner which received the highest praise from its recipient Conspicuous among the many decorations was the enormous banner hung across School Street, on the line of march, bearing the words "Norwich University Alumni Welcome George Dewey, '55 ' As the admiral passed under the banner the "N U" yell and cheers were lustily given from the windows of the Niles Building by the assembled graduates We quote from the *Boston Globe*' 'Nothing pleased the admiral of admirals more, apparently, than the banner which the Norwich Alumni hung over School Street in honor of Cadet Dewey" In the evening the Boston Alumni was represented by the president of the association, N L Sheldon, '84, at the banquet tendered the admiral by the State of Massachusetts

The eleventh reunion was held at Hotel Brunswick, January 11, 1899 This was one of the most enthusiastic alumni meetings ever held in the city About thirty alumni and guests were present The main topic of the evening was the deeds of Admiral Dewey, '55, and the other "N. U." men who had performed valuable services in the Spanish-American War The guests of the evening were Col Edmund Rice, '60, the gallant colonel of the 19th Massachusetts Volunteers in the Civil War and the 6th Massachusetts regiment, Spanish-American War, Col H O Kent, '54, Commander Stockton, U S. N of the U S Naval College; Pres Allan D Brown of the University and Capt H W Hovey, U S. A, commandant Rev H F Hill acted as toast master President Brown gave an able address on the work of the alumni and the needs of "N U." Col H O Kent, '54, gave many reminiscences on the cadet life of Admiral Dewey The other speakers were Commander Stockton, Colonel Rice and Captain Hovey. The officers elected were N L. Sheldon, president George G Thomas, secretary, and Wright S Prior, '89, treasurer

The twelfth reunion was held at Hotel Brunswick, March 8, 1900 About thirty alumni were present. The guests were President Brown of the University, Hon B F Spaulding, 77, and Gen W. A Bancroft trustee of the University N L Sheldon, president of the association, gave an eloquent address on the work of the alumni Congressman Spaulding also gave an address on the work of the University and on education in general Addresses were also [illegible]

Cutter '68 E W Clarke, '92 read an original poem entitled, "The Engineer" The officers elected were N L Sheldon, '84, president, E W Clark, 92 secretary, and W S Prior, 89, treasurer.

The thirteenth reunion was held at Young's Hotel February 15, 1901 Nearly thirty members were present President Sheldon acted as toast master and gave a brief address on the work of Captain Partridge and the alumni. Speeches were made by Dr Charles F Kingsbury, '51, William R. Cutter, 68, Rev Howard F. Hill, '67, and Charles M Reed, '67 The officers elected were president, N L Sheldon, 84, secretary, E W Clark, '92, and treasurer, J. Albert Holmes, 95

The fourteenth annual reunion was held at Young's Hotel, February 21, 1902 Thirty-one members were present President Sheldon acted as toast master Addresses were made by Dr G P. Conn, '54, and Prof. E. C Shaw, 91 The officers elected were president, N L. Sheldon, '84, secretary, E W Clarke, 92 treasurer, J Albert Holmes, 95.

A special meeting of the association was held January 9, 1901, at which resolutions were passed on the death of James Evans, "Uncle Jim," for many years armorer of the University

The sixteenth annual meeting was held at Young's Hotel, April 21, 1904 Professor Bull presented the needs of the University and asked the co-operation of the alumni in the construction of Alumni Hall The officers elected were president, N L. Sheldon, '84, secretary and treasurer, B W. Gleason, '92

The seventeenth annual reunion was held at the American House, February 22, 1905 Nearly thirty members were present. Speeches were made by President Charles H Spooner, '78, W N Jones, secretary of the New York Association Maj H W Hovey, U S A, commandant, J Q. A. McCollister, '53, and Rev H F. Hill, '67 The officers elected were president, George D Thomas, '76, secretary and treasurer, E W Clark, '92, executive committee, the officers of the association and E. W Gaynor, '93, Guy C Russell, '04, and George F Abbott, '91

The eighteenth reunion was held at the American House February 21, 1906 Thirty-six members were present The speakers of the evening were C H Spooner, '78; Prof H R Roberts, Dean of the University Rev H F Hill, '67, F. B. Thomas, '95, R H Ford, '92, W N Jones of New York The officers elected were George D Thomas, '76, president, E. W. Clark, '92, secretary and treasurer

The nineteenth reunion was held at the New American House,

February 21, 1907 Thirty members were present E W. Clarke, '92, acted as toast master. Speeches were made by Pres C H Spooner, '78, William H Ruddick, M D, commander of the E. W Kingsley Post G A R, of Boston, Lieut. L. A. I Chapman, U. S A, commandant, W H Jones, secretary of the New York Association. The officers elected were president, E W Clark, '92, secretary and treasurer, George H Chapin, '04, executive committee, N L. Sheldon, '84, E W Gaynor, '93, and C. W. Pierce, '92.

The twentieth annual reunion was held at the American House February 21, 1908 Thirty-six members were present Several members of the corps of cadets were in attendance. President E W Clark acted as toast master. The speakers were. Prof. H. R Roberts, Dean of the University, Maj H W Hovey, U. S A, commandant, Capt. H. C Keene, U S A, a former commandant The officers elected were president, E W Clark, '92, secretary and treasurer, George H. Chapin, '04, executive committee, H. K. Briggs, 03, E D Perry, '04, and W S Prior, 89

The twenty-first annual meeting was held February 16, 1909, at the Boston City Club About forty members were present A number of the corps of cadets were present Speeches were made by President Spooner, Dean Prof H R Roberts, Lieut L. A. I. Chapman, U S A, commandant, Prof K R B Flint, '03, Prof E A Shaw, '91, and E A Stowell, '67 Prof. C N Barber, 08, spoke at great length on the athletics at "N U" The Norwich Glee Club furnished the music The officers elected were president, N L Sheldon, '84, secretary and treasurer, H K Briggs

The twenty-second annual reunion was held at Young's Hotel, February 27, 1910 This was the largest meeting held by the association, over fifty being present A large delegation of cadets and alumni from Northfield were present. President Sheldon acted as toast master Speeches were made by President C H Spooner, 78, Col J H Benton, Gen Charles K Darling of Boston, Edward D. Adams, '64, president of the New York association, Dean H R Roberts, Prof A E Winslow, '98, and Prof. K R B. Flint, '03 Officers elected were N. L Sheldon, 84, president, secretary and treasurer H K Briggs, '03.

The twenty-third annual meeting of the association was held at the Westminster Hotel, March 11, 1911 President Sheldon of the association acted as toast-master at the banquet About fifty of the alumni and guests were present The principal speeche

Captain Tompkins, U S A, professor of Military Science and Tactics at "N U", Hon. J H Benton, president of the board of trustees of the Boston Library, Mr Charles H Bradley, president of the Vermont association of Boston, and Lieut. H C. Keene, U S A (retired), a former commandant

Brief speeches were made by Fred H Clark, '89; Charles H Nichols, '86, secretary of the New York Alumni Association, and Prof K R B Flint, 03, of the University Several of the corps of cadets were present The old board of officers of the association was re-elected.

ROSTER OF OFFICERS.

PRESIDENTS

'92, Clark, E W	1907–09
'67, Hill, Howard F	1895–98
'58, Hobbs, George W	1893–95
'84, Sheldon, N L	1898–03, 1909–
'59, Stedman, Joseph	1889–90
'53, McCollister, J Q A	1891–92
'76, Thomas, George D	1905–07

VICE-PRESIDENTS

'91, Abbott, George F	1898, 1903–05
'86, Cheney, Charles H	1890, 1909–
'92, Clark, E W	1902–05
'44, Clark, Thomas	1889
'59, Cross, Samuel H	1889–90, 1895–96
'68, Cutler, William R	1892–94 1901
'65 Dewey, J J	1902
'40, Eaton, R B	1895–98
'56, Farrar, W E	1905
'93, Gaynor, E W	1905
'92, Gleason, B W	1897
'87, Hassam, W E	1893–94, 1905–09
'24, Hathaway, G H	1893–94
88, Hayward, F F	1909–
'67, Hill, Howard F	1891–92
'58, Hobbs, George W	1891–92
'95, Holmes, J Albert	1907–10
'54, Kent, Henry O	1889, 1899–01
'51, Kingsbury Charles F	1898–03
'55, Lewis, Charles H	1889
'90, Lewis, Dexter W	1891–92, 1895–97
'53, McCollister, J Q A	1890–91, 1903–07
'71, Owen, William G	1891
'59, Parker, Edgar	1889
'92, Pierce, C W	1906
'89 Prior, W S	1901
'60, Rice, Edmund	1899–00
'00, Richardson, J F	1903–05
'88, Shaw, William A	1891–92
'78, Sherman, H L	1890
78, Spooner, Charles H	1905–06
'67, Stowell, E A	1909–09
'84, Wilmarth, D E	1890

SECRETARIES

'03, Briggs, H K	1909–
04, Chapin, George H	1907–09
92, Clark, E W	1900–02, 1904–07
'92, Gleason, B W	1902–04
84, Sheldon, N L	1889–97
'76, Thomas, George D	1897–00, 1907

ASSISTANT SECRETARIES

'76, Thomas, George D	1892
'00, Richardson, J F	1903–05

TREASURERS

'88, Austin, Fred T	1898–00
'03, Briggs, H K	1909
'04, Chapin, George H	1907–09
'92, Clark, E W	1905–07
95, Holmes, J Albert	1901–03
'89, Prior W S	1900–01
'76, Thomas, George D	1889–90, 1893–98
'95, Warren, D C	1903–05
'84, Wilmarth, D E	1891–93

THE VERMONT ASSOCIATION

The first meeting of the association was held at the Pavilion Hotel, Montpelier, Vt, May 20, 1904 and was called as per the following circular letter

NORWICH UNIVERSITY, Northfield Vt, May 10, 1904

ALUMNI AND PAST CADETS OF N U RESIDENT IN VERMONT

Gentlemen

It having become apparent that the best interests of Norwich University and her sons demand that intimate relations be maintained, it is desired that "N U" men form permanent organizations wherever possible

After consultation with "N. U" men in the state, it has been decided to call a meeting at the Pavilion at Montpelier on Friday evening, May 20, at 7 30 for the purpose of organizing a Vermont Association of Alumni and Past Cadets A few of the alumni have assumed the responsibility of arranging for a dinner to follow the meeting

Your *Alma Mater* has been forging to the front rapidly of late and every son of old "N U" should take a part in helping on the forward movement One hundred and seven men have been registered this year and the prospect for next year leads to the belief that this number will be largely increased

At the dinner recently held in New York, a substantial start was made toward a new barracks to be known as Alumni Hall The alumni have this building in charge and will send out very soon a statement in regard to the same The newly appointed committee of the faculty on Alumni Relations will have something to present in regard to the interests of the alumni

Mr Kemp Flint, '03, of Montpelier, has consented to serve as temporary secretary, and it is requested that you notify him as soon as possible of your intention to attend

A good attendance is already assured

Yours very truly,

CHARLES C BRILL, Dean

About thirty of the alumni responded to the call Prof C C Brill, Dean of the Faculty, presided and L B Johnson, '88, acted as temporary secretary A permanent organization was effected The following officers were elected president, F. B Thomas, '95, vice-presidents, John J Dewey, 65 H V Dunham, '97; and R. H Ford, '92, secretary, H G Woodruff, 01, treasurer, K R B Flint, '03

After the business meeting, the banquet was served in the hotel dining room F B Thomas, '95, presided, and made a brief introductory speech Mr. H C. Cady, '91, spoke on the value of the alumni associations to the University, R H Ford, 92, on the value of the association, Prof C C. Brill, on the needs of the Univer-

sity and the necessity of the new barracks, L. B. Johnson, '88, on the relation of the alumni to the University, Cadet Major Randall, '04, on the relation of the cadet to the Institution, H. V. Dunham, '97, on the work of the graduates. Major H. W. Hovey, U. S. A., gave an eloquent address on the needs of the military department.

The second annual meeting was held at the Pavilion Hotel, Montpelier, Vt., Feb. 17, 1905. About twenty-five alumni were present. The constitution of the association, which had been prepared by a committee appointed at the first meeting, was adopted as presented by the committee.

The officers elected were president, F. B. Thomas, '95, vice-presidents, John J. Dewey, '65, H. V. Dunham, '97, and C. S. Carleton, '96, secretary and treasurer, K. R. B. Flint, '03.

President Thomas of the association acted as toast-master. Speeches were made by President Thomas, Charles H. Spooner, '78, R. H. Ford, '92, M. D. Smith, '81, Major H. W. Hovey, U. S. A., Cadet Major H. R. Deal, '05, Prof. C. C. Bull, and Dr. J. H. Judkins, '90. The association telegraphed greetings to General Dodge, president of the New York Association, and George D. Thomas, '76, president of the Boston Association.

The third annual meeting was held at the Pavilion Hotel, March 5, 1906. Thirty-three members were present. The officers elected were president, F. B. Thomas, '95, vice-presidents, F. W. Gibson, '94, H. S. Woodruff, '91, F. A. Manuel, '93; secretary and treasurer, K. R. B. Flint, '03. The *42d* orchestra furnished the music for the occasion. Speeches were made by Dr. F. E. Steele, '81, R. H. Ford, '92, H. C. Cady, '91, R. U. Smith, '94, J. P. Moseley, '99; Cadet Lieut. H. C. Pratt, '07, Prof. C. V. Woodbury; M. D. Smith, '81, C. H. Spooner, '78.

The fourth annual meeting was held at the Northfield House, Feb. 8, 1907. About twenty-five members were present. The officers elected were president, M. D. Smith, '81, vice-presidents, H. G. Woodruff, '91, E. W. Gibson, '94, and F. A. Maunel, '93; secretary and treasurer, K. R. B. Flint, '03. Speeches were made by President Spooner, Prof. E. A. Shaw, Capt. L. A. I. Chapman.

The fifth annual meeting was held at the Northfield House, Northfield, Vt., March 21, 1908. Forty-two members were present. The officers elected were: president, H. G. Woodruff, '91, vice-presidents, L. B. Johnson, '88, R. U. Smith, '94, Ralph B. Denny, '91, secretary and treasurer, K. R. B. Flint, '03. Lieut. L. A. I. Chapman, U. S. A., acted as toast-master. Speeches were made by President Spooner, '78, Hon. Frank Plumley, trustee, Dr. F. E.

Steele, '81, Prof A E Winslow, '98, J M Holland, '83, S S Ballard of Montpelier, H. G Woodruff '91, and Major H W Hovey, U S A The "N U" Glee Club furnished the music

The sixth annual meeting was held at the Northfield House, Northfield, Vt, March 12, 1909 Thirty members were present The officers elected were president, F E Steele, '81, vice-president, L B Johnson, '88, W E Robertson, 01, and W E C Washburne, 04, secretary and treasurer, K R B Flint, '05 It was voted to telegraph greetings to the St. Louis Association, which was to hold its meeting the next night, also to Gen G. M Dodge, '51 Speeches were made by President Spooner, Cadet Major G I Rowe L B Johnson, '88, Major F B Thomas, '95; Dr H. A Whitney and Capt L A I Chapman, U S A.

The seventh annual meeting was held at the Northfield House, Feb 11, 1910. About 30 members were present The officers elected were president, L B Johnson, '88, vice-presidents, H. N Mattison, 93 C N Barber, Jr, 08, W E C Washburn, '04, secretary, Prof C. S. Carleton, '96, treasurer, H. W Orser, '02 Dr F E Steele '81, acted as toast-master Mr. C. N Barber, '08 presented at great length the work of the athletic team Speeches were also made by President C H Spooner, '78 F B Thomas, '95, Captain L A I Chapman, U S A, L B. Johnson, '88, Prof L A Shaw, '91 Captain Chapman was elected an honorary member

The eighth annual meeting was held at the Waterbury Inn, Waterbury, Vt April 18, 1911 President Johnson of the Association acted as toast master Mr C K Mellen, '81, of Buffalo, N. Y, was the principal speaker of the evening Addresses were also made by President Spooner, Capt Frank Tompkins, U S A commandant, Dr F E Steele, '81, Hon Willard J Boyce of Waterbury, H. G. Woodruff, '91 and Charles A. Plumley, '96 The officers elected were president, L B Johnson '88; vice-presidents, C N Barber, 08, W E C Washburn, '04; and P S Howes, '96, secretary, C S Carleton, '96, treasurer, I C Ellis '01 Thirty members and guests were present, music was furnished by the "N U" quartette

ROSTER OF OFFICERS

PRESIDENTS		VICE-PRESIDENTS	
'88, Johnson, L B	1910	'08, Barber, C N	1910–
'81, Smith, M D	1907–08	'96, Carleton, C S.	1905–06
'81, Steele, F E	1909–10	'91, Denny, R B	1908–09
'95, Thomas, T B	1904–07	'65, Dewey, John J	1904–06
'91, Woodruff, H G	1908–09	'97, Dunham, H V	1904–06
		'92, Ford, R H	1904–05
		'94, Gibson, E W.	1906–08
		'88, Johnson, L B	1908–10

		SECRETARIES	
'93 Manuel, F A	1906–08	'96, Carleton, C S	1910–
'03, Mattison, H N	1910–	'03, Flint, K R B	1905–10
'01, Robertson, W E	1909–10	'91, Woodruff, H G	1904–05
'04, Smith, R U	1908–09		
'04, Washburn, W E C	1909–10	TREASURERS	
'91, Woodruff, H G	1906–08	'03, Flint, K R B	1904–10
		'02, Orser, H W	1910–

THE ST LOUIS ALUMNI ASSOCIATION.

The St Louis Branch of the General Association of Alumni and Past Cadets of Norwich University was organized on March 13th, 1909, and its first meeting was held the same evening, after which a banquet was given The charter members were. Robert H. Ford, 92, P V Sherman, '07, W F Lefavor, '66, H. M Hobson, '02, G H Watson, '02, M J Noyes, '07, H A Nims, '08, George Anderson, F H C Graves '08, and C J Scribner, '96 The officers for the first year consisted of president, Robert H Ford, 92, first vice-president, Dr. W F Lefavor, 66, second vice-president, G. H Watson, '02, third vice-president, P V Sherman, '08 secretary and treasurer, C J. Scribner, '96

The Constitution provides that meetings will be held once each year at the headquarters of this branch, which will be at St. Louis, Mo , some time during the months of February and March of each year

As this is the most Western Association, its jurisdiction covers all of the territory west of the Mississippi River and all members of the alumni and past cadets covered by this territory are considered as members of same There are no dues, the expenses are defrayed by voluntary contribution A variation has been made at the meetings of the Association by including ladies

The officers for the year 1910-11 were Dr W F Lefavor, president. L. H Davis, 07, first vice-president, C F Gallup, '04, second vice-president, P. V. Sherman, '08, third vice-president, C J Scribner, '96, secretary and treasurer.

The third annual meeting of the association was held at the Marquette Hotel, Saturday evening, March 4, 1911. Leroy H. Davis, '07, acted as toastmaster at the banquet Brief speeches were made by C B. Burnham, '39, Gen B G Farrar, '55, R H [illegible] '09, and President C H Spencer, '78 of the University.

PUBLICATIONS AT 'N. U.'

The first paper published by the cadets, as far as known, was the *University Regulator*, the first number of which was issued October 28, 1853. The paper was published by the "University Regulators" (q. v.), and appeared at unexpected periods, had a great sale, created much local interest and produced consternation in the "camp" of those in due authority. The motto of the paper was "Justice of whom Justice is due."

The editor of the first edition was "Lieutenant Charlemagne" (W. D. Munson, '54.) The editor in 1854 was "James H. Jerusalem" (Oscar E. Leonard, '55.) The editors for 1854-55 were "Colonel Zachary Taylor Buck" and "Col. Reuben Y. Stepandfetchit" (H. O. Kent, '54.)

The paper was well printed, its columns were filled with much advice to the faculty and students as to their conduct. The last issue of the paper was in 1856.

The *University Owl* made its appearance in November, 1854, and was gotten up along lines similar to the *Regulator*, but not published by that organization. This paper seemed to have for its purpose not only regulations of the faculty and students, but also to hold up for contempt the "supposed" editor of the *Regulator*. Only two editions of the paper were published, as far as known.

The Reveille

The *Reveille* was founded by Captain Charles A. Curtis, '61, and Admiral George A. Converse, '63. Cadet Converse owned the printing press and type, and Cadet Curtis, who had served an amateur apprenticeship at the printer's trade before entering the University, took charge of setting the type and the printing. The office of publication was in a building adjoining the residence of Dr. Schubal Converse. The first issue appeared in April, 1860, under the editorship of C. A. Curtis, Josiah Hall, and Nathaniel Irish, of the class of 1861. It was very tastily printed and compares favorably with the more recent issues. Its pages were 8½ by 7 inches in size and was printed in three columns. The first volume was completed in two numbers, April and December, 1860. The December number was issued under the editorship of C. A. Curtis, '61, E. F. Smith, '61, and C. E. Steele, '63, G. A. Converse served as proprietor and publisher during 1860 and 1861.

From '[illegible]

Parthenon Society and the ΘΧ and ΛΣΦ fraternities. During 1862-65, its publication was conducted by the junior class, and during this time averaged six pages.

Volume 2, was issued in one number in April, 1861, under the editorship of C. B. Stoughton, T. W. Eayre, and F. C. Pierce of the class of 1861. H. E. Alvord, '63, was the agent. Volume 3, was issued in one number in April, 1862, the editors being, George H. Ober, '63, Henry E. Alvord, '63, and L. Byron Fuller, '64.

Volume 4, was issued in one number in March, 1863, under the editorship of Dudley F. Phelps, Edward D. Adams, and Charles D. Gregory, of the class of 1864. This number gives an account of the "Norwich Cavalry" or the famous "College Cavaliers" (q. v.), composed of Norwich, Dartmouth, and other college men, a brief account of the service of the "N. U." men in the field, and a "Roll of Honor," compiled by Thomas J. Lasier, '64. The fifth volume was issued in one number in April, 1864, under the editorship of W. H. Johnson, James V. Sweetser, and John C. Boyd, of the class of 1865. This issue gives much interesting information concerning the "N. U." men at the front and the "Roll of Honor," revised, by Thomas J. Lasier, 64.

Volume 6 was issued in 1865, and is said to have contained a very complete Roll of Honor. Unfortunately, no copies of this valuable number have been preserved. With this issue the *Reveille* was suspended until 1869, when Captain Curtis resumed its publication. He purchased a press, and the necessary equipment, and taught several of the cadets how to set the type and print the paper. The composing and publishing room was the commandant's office. We will here relate an incident from the pen of Captain Curtis. "One day, early in the summer of 1869, Admiral Converse, then a lieutenant of the United States Navy surprised his former cadet printer by a visit. After an exchange of greetings and reminiscenses, Converse placed himself before a case of brevier and set up an article for the *Reveille* taking up the time until the bugle sounded the dinner call. Laying down his stick he said "Curtis, that is the happiest half day I have spent in years." It seems especially fitting that the publication of the *Reveille* was resumed by Captain Curtis, one of its founders, and that Admiral Converse was enabled to work on one of the issues. The first issue appeared in April, 1869, under the name of the *University Reveille* and under the editorship of A. B. Gilbert and G. C. Proctor of the class of 1870. This number contained

six pages, each 16½ x 11½ inches in size and was printed in four columns It contained the following very complete articles. Sketch of Norwich University, by Charles Dole, '69, Military Education, by Henry J Howe, '69, Location and Scenery of Northfield, by C L Hathaway, '69, editorial on the work of the University, 1866–69, Articles on Cadet Life, by A B Gilbert, '70, and Walter Dole, '70

Unfortunately complete files of the *Reveille* from 1869 until 1876, when the publication was again suspended, have not been preserved The editors for the issue of 1870 were A B Gilbert, '70, and Adrian Scott, '71, for the first issue of 1870–71, published December, 1870, were J. W. Swett, '72 C G Griffith, 72, and S H Campbell, '72, for the second number of the year 1873–74, published March 25, 1874, were M K Stearns, '76, and George D Thomas, '76, E D Upham, '74, being the publisher The volume for 1874–75 was published in eight numbers under the editorship of W. M Rumbaugh, 76, M J Brennan 78, E S Marsh, '78 and Prof Charles Dole, '69, publisher This volume was much enlarged, each number containing eight to sixteen pages, and several scientific articles and valuable alumni notes

In the fall of 1881, the publication of the *Reveille* was again resumed by the corps of cadets The first number, Vol. 1, No 1, was issued in January, 1882 under the editorship of George T Hobbs, '81, Malverd A Howe, '82, George R Miner, 84, and Thomas H Nickerson, '84 The volume was completed in seven numbers, each issue averaging eighteen pages The most notable feature of this volume was its well conducted alumni department In April, 1882, the editorial board was divided into five departments Editorial, Literary, Personal, College and Campus, and General Contributions The price of the publication was placed at one dollar, and single copies fifteen cents. The editors well understood the importance and magnitude of the undertaking as shown by the following introductory editorial "It is with feelings of pleasure and diffidence that we greet the students, the alumni of the Institution, and the world, with the college publication the *Reveille*, thus carrying out what seems to be our duty as students of the Institution by continuing this periodical which was long ago instituted by the cadets of old 'N U'"

The volume for 1882–83, was enlarged to a twenty-four page publication, and was issued in nine numbers The editorial board was increased to five members, two being editors-in-chief

two ass

was increased to $1 50, and a single copy twelve cents In this volume was printed Rev Homer White's charming story, *The Norwich Cadets, a Tale of Rebellion* In 1883, the editorial board was increased to seven members; editor in chief, five associate editors, and business manager. The price of single numbers was increased to fifteen cents The volume was completed in ten numbers In this volume was published the serial story, *The Cruise of the Delbeck* published under the *non de plume* of Ned Lindsey Volume four, 1884–85, was issued in ten numbers The publication of the *Reveille* was suspended during 1885–86

In the fall of 1886, its publication was resumed after much hard labor by a few of the cadets The first number was issued in January, 1887, the volume being completed in seven numbers The numbering of the volume was changed to Volume I The price was fixed a $1 00 per year and fifteen cents per single copy The editorial board consisted of seven men under the following departments, editor-in-chief, literary, local, personal miscellaneous business manager and assistant business manager The board was elected by the two fraternities, the Θ X and the Δ Σ Π, under the rule that they alternate in the election of the editor-in-chief and business manager The other members of the board were selected by the fraternities, according to their relative membership. This method of selecting the editors continued until the administration of President Brown, when the editors were selected by the faculty, under his approval

Volume 2, was completed in nine numbers the price of single copies was reduced to ten cents. Volume 3, was completed in ten numbers, Volume 4 in nine regular numbers, and a commencement number as an extra, numbers 5 and 6 being published in one number

In 1890, the number of the volume was changed to XXV and was completed in ten numbers The editorial board was increased to nine members, an assistant editor and military editor being added The distinctive feature of this volume was the Military department, in charge of Robert H. Ford, '92 The *Reveille* was recognized in the summer of 1890 as "The Official Organ of the Vermont National Guard" The volume contained the roster of the Guards and military notes The connection of the *Reveille* with the State National Guard was severed with the last issue in June, 1891 Volume 26 was completed in ten numbers

In November 1892 the editorial board was reduced to seven

members, the assistant editorship and the Military department being dropped The volume was completed in nine numbers The price of the single copy was increased to twelve cents. Volume 28, 1893–94, was completed in ten numbers Volume 29 was issued in nine numbers, and volume 30 in ten Volume 31, 1896 97, was issued in nine numbers, and contained a very complete roster of the alumni and past cadets

The volume for 1897–98 was numbered XXXII The editorial board was reduced to three members editor-in-chief, business manager, and local editor, with a member of the faculty as an "advisory committee" The general style of the publication was changed The pages of the previous volume were printed in two columns and the general size of the page was 8 x 7¾ inches The size of the page was reduced to 6 x 5 inches and printed in one column. The volume was completed in seven numbers, the issues for April, June and July, being double numbers. In 1898 (Vol 31,) the editorial board was increased to six members editor-in-chief, business manager, assistant business manager, local editor, alumni editor and advisory member from the faculty The volume was completed in nine numbers and contained much valuable material in regard to the service of "N U" men in the Spanish-American War, also articles on the work of Admiral Dewey, '55

Volume 35 contains a full account of the Dewey celebration in Northfield and in Montpelier, also many notes on Admiral Dewey's work The volume was completed in nine numbers In this year the local editor was given charge of the athletic department. In the fall of 1900 the editorial board was increased to six members, an exchange editor being added The volume was completed in eight numbers In 1901 the office of exchange editor was abolished an assistant business manager and an athletic editor were added to the board, increasing it to eight members. The volume was completed in eight numbers

In 1902 the board was increased to ten members, an Assistant editor and an exchange editor being added The general style of the publication was changed, the page was printed in two columns, and the size of the page increased to 8 x 5¼ inches The cover was printed in University colors and added much to the appearance of the work The volume was issued in nine numbers, the price of a single number was increased to fifteen cents. Volume 39 and 40 were each issued in nine numbers A title page an[illegible]

of the University Volume 41 (1905–06) was completed in eight numbers and volume 42 in nine numbers.

In 1907, the design of the cover was changed and the size of the page was reduced to 7⅞ x 4⅝ inches, and printed in one column The board of editors was increased to thirteen members, editor-in-chief, assistant editor, business and assistant business manager, nine associate editors, and faculty representatives For some time, an effort had been made to have the *Reveille* more of an organ of the alumni, and at the commencement of 1907, an alumni committee of two was elected to represent the alumni and past cadets on the board The volume was completed in nine numbers, the last number being chiefly a reprint of the *Northfield News* giving an account of the commencement exercises

In the fall of 1908, the faculty representative and the alumni committee were dropped from the board and an advisory board of three members was elected in their place The volume was completed in nine numbers, the last number being largely a reprint of the *Northfield News*, and containing the commencement notes. At the commencement of 1909, the constitution of the Norwich University Journalists' Association was adopted Its object was to "encourage literary work, unite more closely the alumni, faculty and the student body and to make the various publications more uniform and to improve their appearance"

The officers were a president, vice-president, secretary and treasurer The secretary to be elected from the student body and the treasurer to be elected from the faculty. A board of five directors was provided for one to be chosen by the alumni, one from the faculty, and one from each of the three upper classes of the student body The time for issuing the *Reveille* was specified and the size of the page was fixed at 8¼ x 5¼ inches, printed in one column the cover to be pearl gray with black lettering The editors were to be elected by the board of directors, and the editorial board The editors were given the right to elect their own editor-in-chief The editor-in-chief, if possible, was to be a member of the junior class The number of the board of directors was to be determined by the board of directors

ROSTER OF THE REVEILLE EDITORS

EDITORS-IN-CHIEF

'09, Andrews, Roy L		1907–08
'89, Aseltine Elmer A		1887–88
'06, Barker, L O, Jr		1905–06
'01, Bass, F T		1901
'85, Belknap, Fred R		1884–85
'10, Chun, W Loy		1908–09
'90, Dresel, Herman		1889–90
'99, Eaton, C H		1898–99
'08, Eaton, R A		1906–07
'98, Ellis G H		1897–98
'97 Ellis, William A		1896–97
'03, Flint, Kemp R B		1902–03
'03, Foster, J H		1901–02
'93 Gaynor Eben W		1892–93
'94, Gibson, Ernest W.		1893–94
'88, Johnson, Luther B		1886–87
'89, Juckett, Elmer R		1889–90
'05, Lawrence, Ernest A		1904–05
'11, Lowell, Philip J		1909–10
'12, Magnus, Eugene W		1910–11
'83, Miner, George R		1882–83
'92, Pierce, Charles W		1891–92
'96, Plumley, Charles A		1894–95
'04, Randall, George C		1903–04
'00, Richardson, J F		1899–00
'84, Sheldon, Nelson L	1881–82,	1883–84
'91, Woodruff, Harrison G		1890–91

EDITORS

'64 Adams, Edward D	1863
63, Alvord, Henry E	1862
'78, Brennan, Matthew J	1874–75
'72 Campbell, Stephen H	1870–71
'61, Curtis, Charles A	1860–61
'61, Eayre, Thomas W	1861
'64, Fuller, Lloyd B	1862
'70, Gilbert, Alfred B	1869–70
'64, Gregory, Charles D	1863
'72, Griffith, Charles G	1870–71
'61, Hall, Josiah	1860–61
'81, Hobbs George T	1881–82
'82, Howe Malverd A	1881–82
'61, Irish Nathanial	1860–61
'75, Marsh Edward S	1874–75
'83, Miner, George R	1881–82
'81 Nickerson, Thomas H	1881–82
'63, Ober, George H	1862
'61, Pierce, Frank C	1861
63, Phelps, Dudley F	1863
70, Proctor, George C	1869
'76 Rumbaugh William M	1874–75
71 Scott Adrian	1870
61 Stoughton, Charles B	1861
'61, Smith Elias F	1860–61
'76 Stearns James K	1873–74
'63 Steele, Charles E	1860–61
'72, Swett James W	1780–71
'76, Thomas, George D	1873–74

ASSISTANT EDITORS

90, Adams, Seth B		1889–90
'12, Adams, Walter F		1909–10
'87, Austin, Charles F	1884–85,	1886–87
'96, Averill, James L		1894–95
'11, Bailey, George E		1910–11
'85, Belknap, Fred R		1883–84
91, Booth, Alfred F		1889–91
'94, Booth, Clarence H		1891–92
98, Booth, Edwin P		1895–97
'87, Booth, Ernest V	1884–85,	1886–87
'96 Carleton, Charles S		1895–96
'85, Chandler, Myron L		1884–85
'89, Clark, Fred H		1888–89
'09, Clark F S		1906–07
'10 Collins [illegible]		1907–08
'89, Cross, [illegible]		[illegible]
'98, Denison, Frank W		1896–97
'88, Denny, Harry S		1886–87
'91, Dole, Carl G		1890–91
'95, Dowe, Ray S		1894–95
'89, Dressel Herman		1887–88
'97, Dunham, Henry V		1896–97
'11, Eastman, G M		1909–10
'98, Ellis, George H		1895–97
'97, Ellis, William A.		1895–96
'87, Fletcher, Paris M		1884–85
'92 Ford, Robert H		1890–91
'93 Gaynor, Eben W.		1891–92
'94, Gibson, Ernest W		1892–93
'06, Gilman, D H		1901–05
'92, Gleason, Benjamin W		1891–92
'91, Goodhue, Fred M		1889–90
'88, Hayward, Fred F		1887–88
'85, Hersey, Henry B		1882–83
'94, Holden, Howard C		1891–92
'89, Irish Robert L	1887–88	1889–90
'12, Inglis, Warner W		1909–10
'05, Lawrence, E A		1903–04
'95, McCollister, Sherry D		1892–93
'93, Mattison, Hiram N		1891–92
'84, Mellen, Calvert K		1883–84
'13, Miller, Gerald O		1910–11
'95, Moseley Harry C		1894–95
'86, Nichols, Charles H		1884–85
'84, Parker, Fred S		1883–84
'93 Pease, Orrin L		1892–93
'92, Pierce Charles W		1890–91
96, Plumley, Charles A		1892–93
'07, Pratt, H C		1905–06
'86 Prince Earl H		1883–84
'89, Prior, Wright S		1888–89
'01 Randall George C		1902–03
'92, Ryan, Edmond H		1890–92
'13, Shaw, Edward P		1910–11
'91, Shaw, Ethan A		1889–90
'12, Sherwin, Herbert M		1909–10
'91, Smith Percy G		1889–90
'94, Smith, Raymond U		1891–92
'11, Snow, C F		1908–09
'97, Spofford, William C		1895–96
'91, Sprague, W H		1889–90
'94, Stearns, Hal, H		1893–94
'84, Stewart, Harry D		1882–83
'86, Stewart, Roland W		1883–84
'94, Storrs, George L		1892–94
'85, Thayer, Herbert E		1881–82
'95 Thomas, Fred B		1894–95
'13, Ver Wiebe Max C		1910–11
'92, Webb DeWitt C		1891–92
'12, Whipple, Charles L		1910–11

BUSINESS MANAGER

'96, Andrews, Arthur G	1895–96
'89, Aseltine Elmer A	1886–87
'00 Ashley, S H	1898–99
'99, Brooks, H Kibbe	1897–98
'97, Carr, Winfred B	1896–97
'86 Cheney, Charles H	1884–85
'63, Converse George A	1860–62
'07 Davis, I H	1906–07
'05, Denny I H	1904–05
'69, Dole, Charles	1874–75
'08, Fraser, W P	1907–08
'06, Hartwell C R	1905–06
'12, Heathfield, W A	1910–11
'93, Hurlbut, Wilbur E	1892–93
'04, Hutchinson William S	1903–04
'89, Lamb, Fred E	1889–90
'84, Nickerson, Thomas H	1882–84
'90, Parker, Charles F	1889–90
'11, Richmond, N W	1909–10
'01, Robertson W L	1899–00
'92, Ryan, Edmond H	1891–92
'06 Sanborn Carroll I	1904–05

BUSINESS MANAGER.

'94, Smith, Raymond W.	1893–94
'10, Stebbins, Kenneth F.	1908–09
'02, Strong, Frank	1900–02
'74, Upham, Edward D.	1873–74
'03, Williams, Seth	1902–03

ASSISTANT MANAGERS.

'92, Clark, Ephraim W.	1890–91
'96, Clark, Herbert S.	1895–96
'07, Davis, L. H.	1905–06
'05, Denny, J. H.	1903–04
'97, Dunham, Henry V.	1891–95
'08, Fraser, W. P.	1906–07
'06, Hartwell, C. R.	1904–05
'12, Heathfield, W. A.	1909–10
'94, Hulburd, Leroy C.	1892–93
'93, Hurlbut, Wilbur F.	1891–92
'04, Hutchinson, William S.	1902–03
'13, Kelley, Arthur L.	1910–11
'99, Moseley, John P.	1896–97
'02, Phinney, R. T.	1898–99
'12, Ray, Oscar W.	1909–10
'13, Rich, Irving A.	1910–11
'11, Richmond, H. W.	1908–09
'92, Ryan, Edmond H.	1889–90
'96, Scribner, Carroll J.	1893–94
'89, Shaw, William A.	1886–88
'10, Stebbins, Kenneth F.	1907–08
'89, Terrill, Willis E.	1887–89
'03, Williams, Seth	1901–02

THE WAR-WHOOP.

In the spring of 1895, was published the first issue of the *War-Whoop* An effort had been made for some years previous to publish a University annual, but it remained to the push and enterprise of the class of 1895 to start the publication The annual was styled the *War-Whoop*, a name synonymous for war-like deeds The first issue was a book of fifty-nine pages containing several cuts The printed page was seven by five inches in size and bound in University colors It was dedicted to Gen G M Dodge, '51, who had done so much to aid the University The editorial board consisted of Harry C Moseley, '95, editor-in-chief, F B Thomas, '95, R Stoits Dowe '95, S A Thomas '95 Arthur G Andrews, '96, W C Spafford '97, and Edwin Booth 98 associate editors, C J Scribner, '96, publisher-in-chief, and James L Averill, '96 assistant publisher.

Several attempts were made to continue the publication, but failed through lack of support In 1906, the publication was resumed and has continued to date The issue was somewhat more pretentious than the first number The size of the page was enlarged to 7¾ by 4¾ inches and contained 93 pages This issue and the succeeding one were bound in maroon The issue for 1907, contained 137 pages Beginning with this issue the publication was in charge of the junior class The issue for 1908, was again enlarged Its page was changed to seven by five inches in size, was bound with slate colored cloth and stamped in maroon numbering 164 pages. The issue for 1909 was bound in maroon and numbered 192 pages At the commencement of 1909, "the By-Laws Governing the *War-Whoop*" were adopted and its publication placed under jurisdiction of the 'Journalistic Association''

Purpose

The purpose of the *War-Whoop*, shall be to annually set forth in an interesting and attractive form the class life of the institution

Publication

The *War-Whoop* shall be published each year by the junior class on or before the first day of June

Style

The *War-Whoop* shall be eleven by eight inches in size, and the cov[illegible]

Editing

The editing of the *War-Whoop* shall be left entirely to the junior class, the only restriction being that the subject matter must be approved by the Board of Directors

Management

The management of the *War-Whoop* shall be left entirely to the junior class

Financial Responsibility

Each junior class shall assume the responsibility of all indebtedness resulting from the publication of its annual, and, before graduation, shall satisfy the Board of Directors that such indebtedness has been adjusted.

ROSTER OF WAR-WHOOP EDITORS

EDITORS-IN-CHIEF

'10, Adams, C A	1909
'09, Andrews, R I	1908
'08, Baldwin, K F	1907
'12, Connon, S C	1911
'11, Gordon, H N	1910
'06, Hartwell, C R	1906
'05 Moseley, H C	1895

ASSISTANT EDITORS-IN-CHIEF.

'11, Bullard, H S	1910
'12, Inglis, W W	1911
'11 Sabin, K D	1910
97, Spafford, W C	1897
'11 Thayer G E	1910
'95, Thomas, F B	1895
95 Thomas, S V	1895
12, Wallace W B	1911

ASSISTANT EDITORS

'09 Ames G F	1908
'10, Balcolm, L W	1909
'06, Barker L C	1906
'08 Brown T M	1907
'10 Campbell C F	1909
'09 Clark, H I	1908
'09 Clark, W L	1908
'08, Clarkson, L J	1907
'10 Emerson P S	1909
08 Fraser, W P	1907
'08 Hutchins, A R	1906
'12 Jacobs Norman	1911
'10 Light, Freeman	1909
'10 Moore C H	1909
'10 Rich J T	1909
'08 Smith, D U	1907
'09 Thomas, C C	1908
'12, Whipple, C L	1911
'12, Witt L R	1911
'12, Woodward N J	1911

ASSOCIATE EDITORS

'96 Andrews Arthur G	1895
98, Booth, Edwin	1895
'12, Colburn, F H	1911
'95, Dowe, R Storrs	1895
11, Eastman, A G	1910
'12, Hemenway, F V	1911
'12 Hoff F S	1911
'11, Hovey, E D	1910
'11, Lette, A P	1910
09, Lord H M	1908
'11, Magnus, L W	1910
'11, Newcomb, R W	1910
11, Noel, F J	1910

CLASS REPRESENTATIVES

'06 Andrews, C R	1906
'09 Andrews, R J	1907
08, Clarkson L J	1906
'07, Graves, F E C	1906

BUSINESS MANAGER

'09, Boyce, E A	1908
'11, Burhoe L N	1910
'12, Beane H L	1911
'96 Scribner C J	1895
'08, Smallman E W	1906
'10 Stebbins K F	1909
'08, Wheelock L H	1907

ASSISTANT BUSINESS MANAGERS

'12, Adams, W F	1911
96, Averill James L	1895
'11, Badger M B	1910
'09, Clark, G W	1908
'10, Earle, N W.	1909
'08, Stowe F S	1907
'10, Whitney J H	1909

THE UNIVERSITY RECORD.

The publishing of the *University Record* was begun in October 1907, and was issued in June, August, October and December of each year, until 1909, when it became a weekly publication.

The issues, No. 1, October, 1907; No. 2, June, 1908; No. 5, October 1908; No. 24, October, 1909, and No. 82, December 1910, were the general catalogues of the University. Issue No. 3, July, 1908, contained the report of commencements. Issue No. 4, August, 1908, contained the "Rules for the Government of Norwich University." Issue No. 7, June, 1909, contained the report of the librarian. Beginning with No. 8, June 17, 1909, the publication has been issued weekly and has been chiefly a reprint of the *Northfield News*, containing the record of events on the Hill. The *Record*, while not a pretentious publication, has proven of great value to the University, and has done much good in awakening the interest of the alumni.

CHAPTER XI

"N U" Songs and Poems

The Old South Barracks, Oh! Hurrah for Old "N U"—The Death of Col Truman B Ransom Alma Mater Old "N U"—My Alma Mater—The Heroes of "N U"—To the Colors Norwich

THE OLD SOUTH BARRACKS, OH!

BY COL HENRY O KENT '54

This song was written in the summer of 1855, and was at once adopted as the college song of Norwich University, in manner similar to the adoption of "Benny Havens, oh!" at West Point. It was sung on all public occasions—reunions and gatherings of cadets—and was chanted by the alumni and past cadets, who fought on *both* sides in the great Civil War

In 1866, the South Barracks at Norwich was burned, and the University was removed to Northfield, where new college buildings had been erected The supplemental verses, "Hurrah for Old N U!" were written by the same author over thirty years later, and, like the original, are dedicated to the corporation, faculty, undergraduates, alumni, and past cadets of his *Alma Mater*

THE OLD SOUTH BARRACKS OH!

BY COL. HENRY O KENT, 54

Come, pour the ruby wine my boys,
And give a loud bravo
For our tried and true companions
Who have left us long ago,
They are scattered on the ocean
Of life's pleasures and life's woe
And ne er again may shout with us
In the Old South Barracks, oh!

CHORUS

In the Old South Barracks, oh!
In the Old South Barracks, oh!
And ne'er again may shout with us
In the Old South Barracks, oh!

They have left us here to vegetate
In military row
To serve the time allotted us
Through sunshine and through snow,
But we'll treasure up in memory,
Where'er through life we go,
The names of those who've met with us
In the Old South Barracks oh!

CHORUS

To the Army and the Navy,
Each prospective grand hero,
Who went out from among us
To fight his country's foe,—
May he win a crown of laurels,
Where'er Fame's breezes blow,
And shout amid the battle's blast
For the Old South Barracks, oh!

CHORUS

To our hero-chieftain, RANSOM,
One glass before we go,
His blood bestains the rocky height
In distant Mexico
His country's flag waved o'er him
When the volley smote him low,
And we'll drop for him the silent tear
In the Old South Barracks, oh!

CHORUS

To the silver-headed veteran
Who slumbers calm and low
West Pointers, join the chorus
From the everglades and snow,
We'll crown with brighter memories
As onward still we go
Our stern old founder's cognomen
In the Old South Barracks, oh!

CHORUS

To the ladies fair of Norwich
Where'er through life we go,
We'll treasure up each witching smile
They e er did on us throw
From the 'Congo's'' dismal galleries,
And the cushioned pew below,
Oh erst upon Commencement Day
From the Old South Barracks, oh!

To the pretty ones who occupy
Our heart's internal row,
Who have chained us by their glances,
And have stole our 'fections so;
They have handled Cupid's arrows
In a way by no means slow,
And we'll chorus them in *eau de vie*
In the Old South Barracks, oh!

CHORUS

To the annual Commencement
Our hearts shall overflow,
As we lose our boon companions
Pro bono publico,
But we'll shout the chorus louder,
As o'er life's sea we go,—
A hip hurrah for old "N. U.,"
And the Old South Barracks, oh!

CHORUS.

To the coming year of jubilee
Our cups shall ever flow,
When we hope to gather once again
In eighteen sixty, oh!
To mourn each patriot fallen,
To share each brother's woe,
And once more to join in chorusing
In the Old South Barracks, oh!

CHORUS.

"HURRAH FOR OLD N U !"

BY COL HENRY O KENT, '54

One doleful night in winter,
Full many years ago,
The bursting flames' red banners waved
Above the pallid snow,
Her blackened walls, her ruined halls,
Told shivering tales of woe,
But, phœnix-like, "N U" arose
From the Old South Barracks, oh!

She saw her bright escutcheon,
For which her sons had died,
Bearing the words that MILLER said
'Mid battle's surging tide,—
"I'LL TRY"' The blood was pulsing,
Up-rose she from the blow,
When duty calls, not ruined walls
Should check its ardent flow

No more beside the river
On beauteous Norwich Plain,
By hallowed dust, 'mid early scenes,
Might she repose again,
But on the hills of Northfield,
Robed in imperial green,
Crowned with love of loyal sons,
She sits, our peerless queen

Her dowry is the faith of sons
Who loved her in their youth,
The loyal zeal of each cadet
Who follows knightly truth
We mourn our honored Dr Bourns,
Stanch General Jackman, too,
Crowned be each name with lasting fame,
Loved champions of "N U !"

At Norwich or at Northfield
Our hearts shall ever glow
O'er cheering tales of college days,
And boon companions, oh!
With pretty girls and loyal men
It always should be so,
E'en when locks turn grizzled han,
And Time sifts down his snow

We vow anew a brother's love
For each good comrade low;
We'll keep the faith they pledged for us
In the Old South Barracks, oh
We'll do our duty bravely,
In honor, leal and true,
Then *vive l' amour* and *vive la guerre*
[illegible]

On the Hike, 1909.

THE DEATH OF COL TRUMAN B RANSOM

BY COL HENRY O KENT, '51

War rode upon the eddying storm,
In volleys flew the leaden hail,
Men's life blood bursting bright and warm
Dyed many a vest of crimson mail

Loud rang the bugle's cheering voice
Reaching 'neath the smoky sky,
As charging 'mid the battle's press,
The gallant *Ninth* came sweeping by

Proudly above the eddying smoke
The Regimental banner shone
New England hearts with pride awoke
At their loved leader's clarion tone

There, cheering on the serried ranks,
With sabre glittering free and bright
There, where the section quivering sank
Before the flashing volley's might

There, pointing to the starry flag
And to the Castle's turret stone,
"Strike for New England, Ninth," he cried,
'Chapultepec is won!'

Hurrah! hurrah!" then rang a cheer
That burst the smoke wreaths rolling o'er,
That 'mid the battle echoed clear
Above the cannon's thunderous roar

'Tis stilled again, that conquering shout,
Loud swells anew the battle's peal,
But where is he who called it out'
No more is seen his flashing steel

Straight driving 'mid the leaden shower,
Full toward the proud victorious brow
The bullet told its vengeful power,
'Tis done, that gallant crest is low

His death couch 'mid the rocky cliffs,
O'er which our conquering legions go,
Ah! his laurel crown with blood was kissed
Beneath the skies of Mexico!

His coronach, the battle's cry
His requiem, the cannon's roar,
New England's sons who saw him die
Mourn the loved chief who leads no more

ALMA MATER, OLD "N U"

Air: "Maryland, my Maryland"

BY GEORGE D THOMAS, '76

We come today from hill and plain,
Old "N U," we love but thee,
We tune our praise in glad refrain,
Old "N U," we love but thee
We meet beneath thy banner white,
With all thy glories blazoned bright,
Beneath its folds in praise unite,
Old "N U," we love but thee

The hills that rise in stately pride,
Alma Mater, true to thee,
Then vigils keep, whate'er betide,
Alma Mater, true to thee
They hail thy heroes with acclaim,
Names consecrate in blood and flame,
When spread thy sons thy battle fame,
Alma Mater, true to thee

In civic manhood, pure and high,
Old "N U," we love but thee
As in thy storied days gone by,
Old "N U," we love but thee
So do thy leaders serve thee now,
With Jackman's soul and Ransom's brow,
Thy highest weal their holiest vow,
Old "N. U," we love but thee

Our love we bring you here today,
Alma Mater, true to thee,
We vaunt thy name in roundelay,
Alma Mater, true to thee
We hold thy fame a precious trust,
Nor trail thy banner in the dust,
But honor thee, we will, we must,
Alma Mater, true to thee

MY ALMA MATER.

BY MYRON R. HURLBUT, '67.

On Norwich Plain we meet again,
  Beneath our banner bright,
Where shine the stars, made bright by Mars,
  That ever give us light.

Oh yes, 'tis sweet, once more to greet
  Our brothers dressed in blue;
The clash of arms has yet its charms,
  In halls of old "N. U."

Come, let us raise our songs of praise,
  To him who gave her birth,
And drop a tear o'er Ransom's bier,
  The brightest spot of earth.

Come, all her brave, from land and wave,
  In honored peace retreat;
The storm has passed, now you may cast
  Your laurels at her feet.

Remember, those who now repose,
  Were once our nation's trust;
Their names are sown where blood has flown
  To blossom in the dust.

So let us live that we may give
  Our names a watchword t' be:
When we have passed through life, at last
  Our deeds may honor thee.

[illegible] Ball Co[illegible] 1910.

THE HEROES OF "N U"

BY REV HOMER WHITE

Where rugged hemlocks crown the hill,
And sugar-maples woo the breeze
Where bounding comes the mountain rill
To sing among the shady trees,
Where rough hills rise from valleys green
And streams of purest water flow,
When summer suns light up the scene
And summer breezes softly blow,
Where furious storms in winter rave
And bending forests shake with fear
Where snow lies deep a frozen wave,
And fills the vision far and near

This is Vermont, the mountain land,
And here are bred her mountaineers—
Men born to freedom and command,
Not born to crouch with servile fears
A hardy race, like granite peaks
They bear the sunshine and the storm
And who for love of country seeks
Will find it in their bosoms warm

Unused to cringe before the great,
Each man a sovereign is born,
Each woman fair makes home her state,
And wider empire wisely scorns
They breathe the air of liberty
With every breath which they inhale,
And reinless winds are not more free
Than they who ne'er in danger quail

They love the land which gave them birth,
They love the nation which their sires
Bequeathed to them—in all the earth
No other spot fills their desires
The mountain would as soon recoil
Before the shaking of a spear
As they retire from freedom's soil
So hallowed once by blood and tears

Here stands "N U." among these hills—
Vermont's grand nursery of arms,
Where, in the piping times of peace,
Sh[illegible]

Here nurtured are her heroes bold
  Whose fame is glory to the State,
And future days with pride and joy
  The tale of glory shall relate

From "N U 's" walls went Ransom forth
  Leading New England's gallant sons—
The beau ideal of chivalry,
  He sought the post where fame is won
Upon the plains of Mexico
  No braver foot has ever trod,
Nor ever did there purer blood
  Stain red the trampled battle-sod

'Twas at Chapultepec he fell
  When, sword in hand, he stormed the height,
Leading his men till death was met
  Beneath the starry flag of light
The Spanish Cortez, clad in mail,
  Ne er held, more brave, the battle's front
Than did this hero of 'N U"
  This unmailed son of Old Vermont!

Peace smiled again upon the land
  And back our soldiers marched with pride,
In happy homes war was forgot
  And all the dangers which betide
Another generation grew,
  In this fair time, to man's estate
To take the place their fathers held
  And mould the great Republic's fate.

And when rebellion raised its hand
  To smite the hope of all the years,
Few other men in all the land
  Rose quicker than our mountaineers
To meet and crush the hostile power
  (By suicidal fury driven)
Which strove to wreck, in evil hour,
  The fairest state to man e'er given
They left their homes and dear ones there,
  They left their hills like torrents sweeping
And on the southern plains so fair
  They proved the cause of bitter weeping

When war's red lightning flashed athwart our sky,
And cannon boomed like thunder from on high,
Then rushed into the fight "N U 's" brave sons

On many battlefields they bravely stood,
In many struggles shed heroic blood
The glory won by them in that dark day
A garland forms which filial hands may lay
Upon the brow of Alma Mater, proud
That with such sons she was so well endowed

Then Dodge and Buel took the field,
And Milroy, Shedd and Bryant, brave
With Seymour, drew the battle blade
Their native land from death to save
And 'neath the stars and stripes enrolled
Were Lewis, Seaver, Stoughton, true,
While poet Kent whose songs we love
Cast down his pen and donned the blue

So Rice and Tenney, Alvord Bean,
Kingsley and Kelton faced the foe,
While Carpenter upon the sea
Saw the red light of battle glow
Three Ransom boys with eager feet
Trod in the footsteps of their sire,
For blood will tell, and they maintained
Their name and fame in battle's fire

And Randall also let his name
Not be forgotten here to-night,
He brought to Old "N U" his fame—
His laurels bravely won in fight
And "Jimmie"—what shall I say of him?
Has not the private soldier claim
(Hard-earned in fight and prison-pen)
To some remembrance of his name?

Brave Clarke of Georgia, gallant soul,
For native state with fury fought,
Till Appomattox peaceful rolled
And our old flag's reflection caught.
Then with the courage of the great
He called the Stars and Stripes his own
Feeling that God had ruled the State
And made one land and one alone

Still other names— five hundred more—
Might claim with right to be enrolled
(For deeds of valor they have done)
Among our heroes brave and bold
Too long the list—fair Ohio faints,
To tell of all our warrior-saints

Enough, if these shall but excite
Our sons to emulate in fight
The deeds which will arouse our pride
While love of country shall abide

With others of the loyal North,
These saved the land to freedom given,
Effaced the footprints of the slave,
And saw each cruel fetter riven
Again the flag of freedom floated
Without a single star obscured,
Without a single stripe polluted
And freedom for all time secured

They fought, their native land to save,
Their blood for native land was shed,
All honors to the living brave!
All honor to the noble dead!
The willows droop and sadly weep
O'er many a patriot-soldier's form,
Green grows the grass where low they sleep,
And keep, true hearts, their memories warm

Home came our heroes from the fight,
Bedecked with laurel leaves of glory,
And welcome to our longing sight
As welcome to our ears their story
We honor them for dangers passed—
For toils and hardships they have borne,
May Time his frost but lightly cast
And their gray hairs be proudly worn

And for the brave who ne'er came back—
Who left their bones upon the field—
A deathless fame we give to them
Who, for their country, life did yield
On many a distant field they lie—
'Tis holy ground where'er they be—
From broad Potomac to the James,
And from Atlanta to the Sea

From Vicksburg to the Gulf their blood
Has hallowed the unconscious sod,
And in the Wilderness from which
Heroic souls went up to God
Our heroes dead we mourn with pride
And they our warmest love engage,
The nation lives because they died

To them we give the word of praise,
  To them we drop a heartfelt tear,
While loud we call on future days
  To hold their mem'ry ever dear

May coming years behold new glories shed
Upon "N U," while proud she lifts her head
May brave young lives go hence into life's fray,
To dare and do where duty points the way
And when another sixty years have stole
Into the past, upon our honor-roll
Let other names appear and proudly tell
Of those who *tried* to fight life's battle well

All hail to you, Alumni, gathered here
To tread the peaceful walks in youth so dear,
To pay your tribute of fond love and praise
To old "N U," so loved in other days,
In days to come may she have sons as brave
To offer life, when only life can save
Of these her children, let the number swell
Who'll love as much and honor her as well,
And from this fount let streams of knowledge go,
As from our hills the laughing waters flow
May distant years this Institution see
Still prosp'ring, and may kindly Fate decree
That every spot its students' feet may press
Shall be a spot which love and peace shall bless

Et jamque vale Softly speak the word
'Tis hard to say farewell when hearts are stirred
By memories of youth, of love and joy
Which gnawing time can never quite destroy
Yet we must say it, and from here depart
Like pilgrims turning with a heavy heart
From the shrine they've sought, o'er long and dusty way,
Where they in faith might their devotions pay
So we, with all that brought us here in mind,
And backward glance at all we leave behind,
With lips that tremble, with the words they tell,
Say to you all, God bless you, and farewell

TO THE COLORS

Tune Heidelberg Song

BY PROF C V WOODBURY.

Oh, Norwich, Alma Mater, dear,
We pledge thy name today
For all the strife of years gone by
Has passed fore'er away.
We only seek thy honor now
Whate'er our sign or name
For old "N U" so good, so true,
Holds all her sons the same,
For old "N U," so good, so true,
Holds all her sons the same

CHORUS.

Here's to the flat of white and red,
Here's to the white and blue
Here's to the purple and silver grey,
To the hearts that are ever true,
Theta and Sig and Delta Kap,
Commons and grads of old,
We'll join in a toast that we love to drink,
Here's to maroon and gold

The blue of Alpha Sigma Pi
Is truth eternal sure,
Devotion's red in Theta Chi,
Shall live forever more
The white of purity unites
These two in one great whole
Red white and blue—brave, pure and true—
Shall ever be our goal
Red, white and blue—brave, pure and true—
Shall ever be our goal

CHORUS

Here's to the frat of white and red,
Here's to the white and blue,
Here's to the purple and silver grey,
To hearts that are ever true,
Theta and Sig and Delta Kap, etc

NORWICH

Tune America

BY ROY L. ANDREWS, '09

Our Alma Mater, queen,
Fair may she always seem
To every son,
And may her halls abound
With proudest laurels crowned,
As every foe is found
And victory won

We raise our song to thee,
To make thy praises be
Ever more loud,
And may the East and West,
The South and North be blest
With sons whose every quest
Shall make thee proud

And as each year is o'er,
And time builds up the score
Of famous ones,
May thy name stand out bright
And shine by Wisdom's light
First in the nation's sight
For work well done

The nation's banner waves,
O'er many heroes' graves
As freedom's told
And strength is ever graced
By Wisdom's flag o'erfaced
So by its side is placed
Maroon and gold

NORWICH

Tune Annie Lisle

BY ROY L ANDREWS, '09

Hill and dale rebound the echoes
Of the swelling cry,
While afar the swiftest breezes,
Raise it still more high
And the clouds that o'er us hover
Roll the tide along,
Till the earth and sky are ringing,
This triumphant song

CHORUS

Shout the victories,
Praise her louder,
Keep her still in view,
Hail, all hail our Alma Mater,
Hail, all hail "N U"

As the years roll ever onward,
And the sun is seen,
May its light forever brighten
Alma Mater, queen
May her line of sons illustrious
Great her praises tell
Till the sons as yet unheard of
Help this music swell

CHORUS.

Raise our chorus,
Sing it louder,
Sing the song anew,
Hail, all hail, our Alma Mater,
Hail, all hail, "N U"

Firm and right and ever steady
May she always stand,
Loved by many loyal hundreds
Whose all mighty hand
They will use to well protect her,
From each mortal foe,
And her name in blazing letters
To all ages show

CHORUS

Shout the chorus
Raise it higher
To the Heaven's blue,
Hail all hail, our Alma Mater,
Hail all hail "N U"

CHAPTER XII

"N. U." Charter and Legislative Acts

CHARTER

An Act Incorporating and Establishing the Norwich University at Norwich, Windsor County, Vermont

It is hereby enacted by the General Assembly of the State of Vermont

That there be, and hereby is, a Seminary of Learning, instituted, established and incorporated at Norwich, in Windsor County, by the name and style of the Norwich University and that Messrs Josiah Dana, Jedediah H Harris, Silas H Jennison Caleb Keith, William Noble, David P Noyes, Samuel U Allen, John Wright, Joshua Stowe, Isaac N Cushman, Jonathan P Miller, William Sweatt, Hubbard H Winchester, and Elijah Miller, shall be, and hereby are constituted a body corporate and politic and together with eleven others, to be by them elected at their first meeting, shall hereafter be called and known by the name of "The Trustees of the Norwich University," and that by that name they and their successors shall, and may have perpetual succession, and shall and may be known in law to plead and be impleaded defend and be defended against, answer and be answered unto, and also to have, take, possess, acquire purchase, or otherwise receive monies, lands tenements, hereditaments, goods, chattels, or estate, to the amount of one hundred thousand dollars, and may grant, demise, lease, use, manage, or improve the same for the good and benefit of said University according to their discretion.

Sec 2 It is hereby further enacted, that the said Trustees and their successors shall and may have a common seal, to serve and use for all causes matters, and affairs of theirs and their successors, and the same may alter, or make anew as they think fit

Sec 3 It is hereby further enacted, that the said Trustees may, and shall at their first meeting, elect eleven other Trustees to fill up said board, also a President and Vice-President of said University, and a Secretary and Treasurer of the board, which said President shall also be an ex-officio member and President of the Board of Trustees

Sec 4 It is hereby further enacted, that there shall be a meeting of said Trustees in one of the buildings of the Institution, on the Thursday next succeeding the third Wednesday of August, annually, and at such other time and place as they shall see cause to appoint, to consult, advise, and act in and about the affairs and business of said Institution, and at any time when it may be deemed necessary the Officers of said Board may call special meetings thereof, by giving notice by letter to said Board, eight days previous to the time of said meeting And at any meeting of said Board seven of its

members shall constitute a quorum which may legally transact any business proper for said Board to transact, and if the President, by reason of death, disability, or other cause, shall not attend such meeting of the Board, then the Vice-President of the University shall officiate as President *pro tem* of the Board, and said Trustees and their successors, in any of their meetings assembled as aforesaid, may fill any vacancy which may have occurred in their own body, or remove any of their members for misdemeanor, immorality, default, or incapacity, provided that seven of said corporation shall concur therein, and shall have power to appoint professors or instructors, and all such other officers and assistants as they shall find necessary and think fit to appoint, for the good management and promotion of said Institution, and them or any of them, may remove at their discretion

SEC 5 It is hereby further enacted, that the Trustees aforesaid shall have and exercise government of said Institution, together with the care and management of all matters and affairs belonging thereto, and shall have power to make and establish all such reasonable and proper laws, rules and regulations, as may be necessary for governing instructing and education of the students, and the managing of said Institution, and the same may repeal and alter from time to time, as they may see fit, provided the same be not contrary to the constitution and laws of this State, or of the United States (and provided also that no rules, laws, or regulations of a sectarian character, either in religion or politics, shall be adopted or imposed, nor shall any student ever be questioned or controlled on account of his religious or political belief by said Board or the Faculty of said Institution or any of them either directly or indirectly,) and said laws rules and regulations shall be laid before the Legislature of this State, whenever required by that body, and may by them, be disallowed, altered or repealed

SEC 6 It is hereby further enacted, that the said Board shall be required to furnish at said Institution, constantly a course of military instruction, both theoretical and practical, and also of civil engineering, and the practical sciences generally And the President of said Institution, with the consent of the Trustees, shall have power to give and confer all such diplomas, degrees, honors, or licenses, as are usually given or conferred in colleges or universities at their discretion, provided, however, that in so doing, they shall have respect to the morals and merits of the candidate alone

SEC 7 It is hereby further enacted, that the persons of the president, vice-president, professors, instructors, or assistants and students, shall be exempted from all rates, taxes or military duties And the buildings belonging to said Institution, and all lands necessary for exercise, agricultural and horticultural purposes, and other conveniences, not however, exceeding two hundred acres, shall be exempted from all taxes or rates whatever

SEC 8 It is hereby further enacted, that the Governor of this State be, and hereby is empowered and required to issue to said Trustees and their successors, a charter of incorporation, made in due form of law, agreeably to this act, previous to the first meeting of said Trustees, which shall take place at the University building, on the first Wednesday of December, A D, one thousand eight hundred and thirty-four

SEC 9 Provided nevertheless, and it is hereby further enacted that the Legislature shall have power to alter, amend or disallow said charter

whenever sufficient cause for so doing shall, in their estimation exist, anything in this act to the contrary notwithstanding

Passed, November 6th, 1834

NO 17 UNDER ACTS OF 1835

An Act Directing the Treasurer to Pay T B Ransom the Sum Therein Mentioned

It is hereby enacted by the General Assembly of the State of Vermont

That the treasurer be, and he is hereby, directed to pay T B Ransom the sum of seventy-five dollars, out of any money in the treasury not otherwise appropriated, it being for his services in revising the militia law as reported by said committee

Passed Nov 2, 1835

NO 93 UNDER ACTS OF 1835

An Act Directing the Quartermaster General to Loan to Captain Alden Partridge one Hundred and Fifty Stands of Arms

It is hereby enacted by the General Assembly of the State of Vermont

That the quarter master general, be, and hereby is directed to loan to Captain Alden Partridge, of Norwich, one hundred and fifty muskets, and bayonets fitted to the same, out of any arms belonging to this State, not now in use, taking from said Alden Partridge a receipt for said arms, with a promise to return the same on demand, and embracing any other conditions and regulations which the quarter master general may deem proper, for the safe keeping and re-delivery of said arms

Passed, Nov. 6, 1835

ACT NO 40 IN THE ACTS OF 1837

An Act in Addition to an Act Incorporating the Norwich University

It is hereby enacted by the General Assembly of the State of Vermont

That the annual meeting of the Board of Trustees of the Norwich University shall hereafter be holden on the third Wednesday in August, annually, instead of the time provided in the act of incorporation

Approved by the Governor, Oct 26 1837

An Act in Addition to an Act Incorporating Norwich University.

It is hereby enacted by the General Assembly of the State of Vermont

That the Trustees of the Norwich University, may, at any regular meeting of their Board, by a vote of two thirds of the members present, locate said University at any place within this State, easterly of the Green Mountains

Approved, November 1st, 1843

NO. 92, UNDER ACTS OF 1850

Resolution Directing Loan of Field Piece to Norwich University

Resolved, by the Senate and House of Representatives That the quartermaster general, be, and he is hereby, directed to loan to the president of the

Norwich University, one field piece, well mounted and fit for service, and take the receipt of the said president therefor, conditioned for the safe keeping and return of said piece

In Senate, November 13, 1850

Taken up, amended, and adopted

D W C Clarke, Sec'y

In House of Representatives, November 13, 1850 Read, and adopted in concurrence

J H Barrett, Ass't Clerk

NO 84, UNDER ACTS OF 1852

Resolution directing the quartermaster general to loan to the President of Norwich University one field piece

Resolved, by the Senate and House of Representatives That the quartermaster general be, and he is hereby, directed to loan to the president of the Norwich University one field piece, well mounted and fit for service, and take the receipt of the said president therefor, conditioned for the safe keeping and return of said piece

In House of Representatives, November 12, 1852 Read and adopted

C K Wright, Ass't Clerk

In Senate, November 17, 1852

Reported favorably, and adopted in concurrence

William M Dickerman, Ass't Secretary

NO 39, UNDER ACTS OF 1852

An Act Relating to the Collection and Distribution of the School Fund

It is hereby enacted by the General Assembly of the State of Vermont

Section 1 The note executed by George W Benedict and others, on behalf of the corporation of the University of Vermont, to the commissioner of the school fund, December 19th, 1843, is hereby cancelled and discharged, provided, that the said corporation pay to the treasurer of the State the sum of nine hundred and twenty dollars, on or before the first day of March next

Sec. 2 The treasurer of the State is hereby directed to collect the remainder of the school fund now due, (exclusive of said note,) which, together with the nine hundred and twenty dollars aforesaid, and such part of said fund as has been collected since the nineteenth day of November, 1851, shall be paid over, in equal sums, to the president and fellows of Middlebury College, and to the corporation of Norwich University

Sec 3 All acts or parts of acts inconsistent with this act are hereby repealed

Sec 4 This act shall take effect from its passage

Approved, November 15, 1852

NO 73 OF THE ACTS OF 1855

Resolution Authorizing the Quarter-master General to Loan Arms to Norwich University

Resolved, by the Senate and House of Representatives That the quartermaster general is hereby authorized to loan to the corporation of Norwich

University such arms belonging to the State as may be wanted for the use of the students of said University, Provided, the officers of said University give good and sufficient security for the safe keeping and return of the same on demand

In the House of Representatives, November 9, 1855

Read and adopted

JEDD P. C COTTRILL, Ass't Clerk

In Senate, November 10 1855

Read and adopted in concurrence

EDWIN HARVEY Ass't Secretary

AN ACT TO AUTHORIZE THE GOVERNOR TO LOAN ARMS ETC, TO NORWICH UNIVERSITY

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1 The Governor is authorized to loan to Norwich University such arms and equipments of all kinds, the property of this State, as said University shall need, for the purpose of instructing its students in military tactics

SEC 2 The Governor is further authorized to make requisition upon the United States government for eighty cadet muskets, as a part of the quota of arms appointed in this State, under the Act of Congress, and loan said University as provided in this Act Provided, that before said muskets shall be delivered to the University, the president or treasurer thereof shall execute to the governor a certificate acknowledging the receipt of the same, and conditioned for the safe keeping and return thereof to the governor, when by him ordered

SEC 3 This act shall take effect from its passage

Approved, November 26, 1862

ACT NO 91 TAKEN FROM ACTS OF 1866

NO 91 AN ACT TO AMEND AN ACT ENTITLED, "AN ACT INCORPORATING AND ESTABLISHING THE NORWICH UNIVERSITY AT NORWICH IN WINDSOR COUNTY" PASSED NOVEMBER 6 A D 1834

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1 Section five of An Act incorporating and establishing the Norwich University, at Norwich, in Windsor County," passed November 6th, A D, 1834, is hereby so amended as to read as follows

It is hereby further enacted, that the trustees aforesaid shall have and exercise the government of said Institution, together with the care and management of all matters and affairs belonging thereto, and shall have power to make and establish all such reasonable and proper laws, rules and regulations, as may be necessary for the governing, instructing and education of the students and the managing of said Institution and the same may alter and repeal, from time to time, as they may see fit, provided the same be not contrary to the constitution and laws of this State or of the United States, and said laws, rules and regulations shall be laid before the Legislature of this State whenever required by that body, and may by them be disallowed, altered or repealed

SEC 2 This act shall take effect from its passage

Approved, November 10, 1866

AN ACT RELATING TO THE MILITIA

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1 The adjutant general of the State may upon the application of the president of Norwich University, authorize the enlistment in the State of one company of infantry, and one section of artillery, to be formed of the cadets of said University, and attach the same to any regiment of infantry and battery of artillery, not already filled

SEC 2 The professor of military science and tactics in the Norwich University shall be ex-officio commander of the organization, with the rank of captain The other officers shall be commissioned by the Governor of the State, upon the recommendation of the professor of military science and tactics and shall consist of one cadet captain with the rank of first lieutenant, and a cadet lieutenant with the rank of second lieutenant, to each company or section

SEC 3 This act shall take effect from its passage

Approved, November 18, 1870

NO 124 UNDER THE ACTS OF 1872

AN ACT TO INCORPORATE THE ALPHA SIGMA PI SOCIETY OF THE NORWICH UNIVERSITY

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1 William G Owen, James P Caldwell, Francis Y Kimball and their associates and successors, members of the Norwich University in Northfield are hereby constituted a body politic and corporate for the purpose of promoting useful knowledge and of collecting and securing a permanent library and cabinet, either or both, to be known and distinguished by the name of the Alpha Sigma Pi Society, and by that name shall have succession, may sue and be sued, implead and be impleaded, contract and be contracted with may have a common seal and the same may alter at pleasure, may make their own by-laws, rules, and regulations, may levy and collect taxes and assessments on the resident members of said Society, and may do all such acts which the good order and interests of said Society may require, provided the same be not repugnant to the constitution and laws of this or of the United States

SEC 2 The first meeting of said Society shall be held on the second Friday succeeding the passage of this act or such other time as the corporators herein named may agree upon, and a majority of those present members of said Society, shall constitute a quorum to transact any business whatsoever Said first meeting shall be held in Northfield, and the time and place of holding the same shall be notified to the members of said Society at least six days before the time of said meeting

SEC 3 The library and cabinet or other property of said society shall remain permanently located at Northfield, and shall not at any time be divided among the members of said society except upon the discontinuance of the Norwich University, and if at any time from deficiency of members or other cause said Society shall become extinct, the library and cabinet property shall become the property of said University, for the permanent use of its members

SEC. 4. This act shall be under the control of future legislatures to alter and amend as the public good may require, and shall take effect from its passage.

Approved, November 23, 1872.

ACT NO. 199 OF THE ACTS OF 1880

AN ACT TO CHANGE THE NAME OF THE NORWICH UNIVERSITY

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1. An act entitled, "An Act incorporating and establishing the Norwich University at Norwich in Windsor county," passed November 6, 1834, is hereby so amended that said corporation shall be known and called by the name of Lewis College.

SEC. 2. This act shall take effect when the same shall be accepted by a vote of the trustees of said Norwich University, at a meeting duly called for that purpose.

Approved, December 10, 1880.

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SEC. 3751. The preceding section shall not affect the section of artillery formed of the students of Norwich University, which shall be officered as follows: the professor of military science and tactics in the University shall be, by virtue of his office, commander, with the rank of captain; the other officers shall be commissioned by the governor upon the recommendation of said professor, and shall consist of a cadet captain with the rank of first lieutenant, and a cadet lieutenant with the rank of second lieutenant.

ACT NO. 252, UNDER ACTS OF 1884

AN ACT TO RESTORE THE NAME OF THE NORWICH UNIVERSITY

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1. An Act entitled "An Act to change the name of the Norwich University," approved December 10, 1880, is hereby repealed.

SEC. 2. The name of the Norwich University, as established under the provisions of an act entitled "An Act incorporating and establishing the Norwich University at Norwich, in Windsor County" passed November 6, 1834, is hereby restored and re-established.

SEC. 3. This act shall take effect from its passage.

Approved, October 24, 1884.

ACT NO. 253, UNDER ACTS OF 1884

AN ACT RELATING TO THE APPOINTMENT OF CADETS TO NORWICH UNIVERSITY

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1. There shall be admitted, free of charge for tuition and room rent to the Norwich University, at Northfield, as many students from each county in the state as there are senators from such county in the General Assembly, who shall be instructed in all departments of learning taught in

said University, and be subject to all the rules and regulations of said school

SEC 2 The senators in each county shall designate and appoint the cadet or cadets from such county to the said University, and, whenever a vancacy occurs from such county for any cause, fill the same, said appointments to be made by competitive examination, in the month of June in each year, and whenever a vacancy shall exist

SEC 3 Whenever the senators from any county shall fail to fill any vacancy from such county for one month after being notified of the same by the trustees of said University, the trustees may fill the same by appointing from that county if there are any applicants who pass the examination required by the rules of said University, and, if not then from any county in the state

SEC 4 The auditor of accounts shall draw his order on the treasurer of the State, payable to the trustees of said University or the treasurer thereof, for the sum of fifty dollars for each cadet so attending said University, appointed as above, which shall be in full payment for tuition and room rent for such cadets, said tuitions to be payable in conformity with the rules of said University now existing as to the payment of tuitions, on the sworn statement of account of the president or vice-president of said University, and to be paid by the first day of June in each year

SEC. 5. This act shall take effect from its passage

Approved, November 25, 1884

ACT NO 222, UNDER ACTS OF 1888

AN ACT TO INCORPORATE THETA CHI FRATERNITY OF NORWICH UNIVERSITY.

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1 Julius J Estey, Henry E Alvord, John B Johnson, Isaac P. Booth, Charles H Spooner, H M Phillips, Charles Dole, F E Lamb, Herman Diessel, J. H Judkins, E A Shuttleworth, their associates and successors, graduates and members of the Norwich University, are hereby constituted a corporation and body politic, for the purpose of promoting useful knowledge, intellectual, social and aesthetic culture, under the name of the Theta Chi Fraternity of the Norwich University, and by that name may sue and be sued, implead and be impleaded, may have a common seal and adopt a common badge, may have perpetual succession, may enjoy all the privileges incident to corporations, may purchase, hold and convey real and personal estate not to exceed the amount of twenty-five thousand dollars, may make and adopt their own constitution and by-laws, may lay and collect taxes on resident members of said Fraternity, in said University, and may do all acts which the prosperity and well-being of the fraternity may require

SEC. 2 J. B Johnson is hereby authorized to call the first meeting of said corporation at such time and place as he may elect, within one year from the passage of this act

SEC 3 This act shall be subject to the control of future legislatures, to alter or amend as the public good may require.

SEC 4 This act shall take effect from its passage

Approved, November 22, 1888.

ACT NO 151, OF THE ACTS OF 1892

AN ACT TO AMEND AN ACT ENTITLED 'AN ACT INCORPORATING AND ESTABLISHING THE NORWICH UNIVERSITY' APPROVED NOVEMBER 6, 1834

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1 That section four, of an "act to incorporate, and establishing the Norwich University, approved November 6, 1834," be amended as follows

That there shall be a meeting of said trustees, annually, in one of the buildings of the Institution, on the Wednesday in June next preceding the annual commencement day

SEC 2 This act shall take effect from its passage

Approved, November 4, 1892

ACT NO 26, UNDER ACTS OF 1892

AN ACT IN AID OF NORWICH UNIVERSITY AND PROVIDING FOR THIRTY SCHOLARSHIPS THEREIN

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1 The auditor of accounts is hereby directed to draw his order on the state treasurer in favor of the treasurer of Norwich University semi-annually on the first day of December and June for the sum of twelve hundred dollars, said sum of twenty-four hundred dollars annually to be expended by said University in payment of the tuition and room rent of thirty students therein, one of whom shall be designated and appointed by each senator in the General Assembly, such appointment to be made by such senator from his respective county provided any suitable candidate shall apply therefor otherwise from any county in the State, and all vacancies in such appointments shall be filled by the senator who made the appointment vacated, or by his successor in office Said appointment to be made in the month of June preceding the commencement of the college course of the student so appointed, and whenever such vacancy shall occur

SEC 2 Whenever any senator from any county shall fail to make an original appointment or to fill any vacancy among such appointed students, after one month's notice of his right to do so from the president of said University, the trustees may make such appointment or fill such vacancy, by appointment from that county if there are any applicants therefrom who shall pass the examination required by the rule of said Institution and if not, then from any county in the State

SEC 3 All moneys in any wise paid to said University or the students thereof by the state or its quartermaster-general shall be kept in a separate and independent account.

SEC 4 All previous acts or parts of acts relating to scholarships in Norwich University are hereby repealed

SEC 5 This act shall take effect from its passage

Approved, November 21, 1892.

NO 201, UNDER ACTS OF 1894

AN ACT IN AMENDMENT OF NUMBER THIRTY-SEVEN OF THE ACTS OF 1834 ENTITLED "AN ACT INCORPORATING AND ESTABLISHING THE NORWICH UNIVERSITY AT NORWICH, VERMONT"

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1 The trustees of Norwich University, on the nomination of the alumni of said University, may elect five trustees in addition to the number provided by the act incorporating said University and the trustees so elected shall each vacate his office at the end of five years from his election

SEC 2 The trustees who have been elected upon the nomination of the alumni are confirmed in their office and each shall vacate his office at the expiration of five years from the date of his election

SEC 3 The trustees of said University may prescribe the rules governing the nomination of trustees by the alumni of said University

Approved November 12 1894

NO 33, UNDER ACTS OF 1898

AN ACT PROVIDING FOR A BOARD OF VISITORS AND TO INCREASE THE EFFICIENCY OF THE NORWICH UNIVERSITY

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1 The governor shall, biennially during the session of the general assembly, with the advice and consent of the senate, appoint four persons who, with the superintendent of education, shall constitute a Board of Visitors to Norwich University, and whose term of office shall commence on the first day of December next succeeding their appointment, and continue until their successors are appointed, and any vacancy occurring between the sessions of the general assembly shall be filled by the governor

SEC 2 It shall be the duty of said board to visit and inspect said University, at such times as they may see fit, and to report the result of such inspection, and the manner of the expenditure of the money herein appropriated to the governor, who shall transmit the same to the legislature at its next ensuing session.

SEC 3 The members of said board with the exception of the superintendent of education, shall each be paid the sum of three dollars per day for time spent in said service not exceeding five days in each year, and expenses, the same to be paid by the treasurer of said Norwich University from the appropriation herein made

SEC 4 The state auditor shall, on the first day of January and July in each year, draw an order on the state treasurer in favor of the treasurer of Norwich University, for the sum of eighteen hundred dollars, which sum shall be expended by the trustees of said University in carrying out the provisions and purposes of its Charter

SEC 5 This act shall take effect from its passage

Approved November 16 1898

NO 249, UNDER ACTS OF 1898

AN ACT IN ADDITION TO AN ACT TO INCORPORATE THE ALPHA SIGMA PI SOCIETY OF NORWICH UNIVERSITY.

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1 Section 4 of Act No 124 of the Acts of 1872, shall read as follows

Said Society shall at its last regular meeting of each college year choose two trustees from its active members The past members of said Society, shall annually, at such time and place as they may decide, choose three trustees who, in conjunction with those chosen by the Society shall constitute a board hereby empowered to acquire and hold in trust for the use of said Society, any buildings, real estate or other property necessary or incidental to the purposes for which the said Society was chartered Vacancies on this board shall be filled in the same way as regular members are elected, and as soon as possible after such vacancies occur Said trustees are to hold office for one year, or until their successors are duly elected It shall be the duty of said trustees to receive and expend, for the use, construction or purchase of a society building or hall, any sums of money that may be raised or contributed for that purpose, to keep in good repair and condition for use by said Society, the property in their control, so far as they are able so to do, with funds or resources placed at their disposal If at any time said Society shall, for any reason, cease to exist or use its property for its own purposes, it shall be the duty of said board of trustees to transfer to the trustees of Norwich University its said property, or any sum of money that may be realized from the sale of the same, for the use for said University, or if said University shall cease to exist, to make such disposition or distribution of said property to the surviving members of the said Society as said board shall deem proper

SEC 2 Section 4 of said act of 1872 shall be changed so as to be section 5 of said act as hereby amended

Approved, November 22, 1898

NO 31, UNDER ACTS OF 1900

AN ACT TO AMEND NO 32 OF THE ACTS OF 1898, RELATING TO NORWICH UNIVERSITY

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1 No 32 of the Acts of 1898 is hereby amended so as to read as follows

Norwich University is hereby recognized as the Military College of the State of Vermont, and its faculty are hereby given local rank as follows assistant professors, the rank of second lieutenant, professors for the first five years of service as such, the rank of first lieutenant, for the second five years, the rank of captain, after ten years, the rank of major, after twenty years, the rank of lieutenant colonel, the president shall have the rank of colonel, all without pay from the state

SEC 2 This act shall take effect from its passage

Approved, November 13, 1900

NO 198, UNDER ACTS OF 1900.

AN ACT TO FIX THE DATE OF THE ANNUAL MEETING OF THE TRUSTEES OF NORWICH UNIVERSITY AND REPEALING NO 40, OF THE ACTS OF 1837

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1 The annual meeting of the board of trustees of Norwich University the Military College of the State of Vermont, shall be held during the commencement week of said Institution

SEC 2 No 40 of the acts of 1837 is hereby repealed

SEC 3 This act shall take effect from its passage.

Approved, November 16, 1900

NO 377 UNDER ACTS OF 1902

Joint resolution relating to printing and distribution of the report of the Board of Visitors to Norwich University

Resolved by the Senate and House of Representatives:

That the clerk of the house is hereby instructed to have four hundred and fifty copies of the reports of the visitors to Norwich University printed for distribution among the members of the legislature That this report be referred to the military committees of the house and senate

JOHN H MERRIFIELD,

Speaker of the House of Representatives

ZED S STANTON,

President of the Senate

Approved, October 25, 1902

JOHN G McCULLOUGH, Governor

NO 31 UNDER ACTS OF 1902

An Act to provide for the commissioning of graduates of Norwich University, the Military College of the State of Vermont, as additional second lieutenants in the National Guard

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1 Students at Norwich University, who are legal residents of the State of Vermont shall upon completion of their course of instruction, if specially recommended by the president of Norwich University to the governor, be commissioned as additional second lieutenants in the National Guard, to be called into service upon their own application and the approval of the governor

SEC 2 Officers, thus commissioned, shall report to the adjutant general annually at such time as may be prescribed by that officer, and failure to so report for two successive years shall operate to vacate the commission of the officer thus failing to report

Approved, December 8, 1902

NO 52 UNDER ACTS OF 1904

AN ACT TO INCREASE THE EFFICIENCY OF THE ENGINEER DEPARTMENT OF NORWICH UNIVERSITY, THE SPAIL MILITARY COLLEGE OF VERMONT

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1 That annually, for a period of ten years from the passage of this bill, on or before the [illegible]

candidates, residents of his county, as principal and alternate, for a scholarship covering tuition for four years in the State Military College of Vermont, Norwich University

SEC. 2. Upon notification by the president of the University, the principal named in accordance with section one, or, if he shall have failed, the alternate, shall present himself to the proper board for examination

SEC. 3. If for any reason a senator from any county shall have failed to nominate a candidate as provided in section 1 or if both principal and alternate shall have failed to pass the entrance examination the president of the University may, at his discretion, appoint one to fill the vacancy so existing, the appointee to be selected from properly qualified applicants for admission, and from that county when possible

SEC. 4. That during the said period of ten years on each first day of January and of July, the auditor of the State shall draw an order on the treasurer of the State in favor of the treasurer of Norwich University for the sum of twenty-five hundred dollars which sum shall be applied to the improvement of the department of engineering as follows

One-fifth annually for the purchase of needed instruments, appliances, and apparatus, and four-fifths to the payment of the salaries of the professors in said department

SEC. 5. That the existing duties of the Board of Visitors shall be extended to cover the provisions of this act

SEC. 6. This act shall take effect from its passage

Approved, December 9, 1904.

NO. 269 OF THE ACTS OF 1904

AN ACT TO AMEND NUMBER 37 OF THE ACTS OF 1834 ENTITLED 'AN ACT TO INCORPORATE AND ESTABLISH NORWICH UNIVERSITY.'

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1. Section 1 of number 37 of the Acts of 1834 is hereby amended as follows

After the words 'goods, chattels or estate' in said section strike out the words "to the amount of one hundred thousand dollars"

SEC. 2. Section seven of said act is hereby amended so as to read as follows

The persons of the president vice-president, professors, instructors, assistants, librarian and students shall be exempted from military duties not involved in this connection with the Institution. And the buildings belonging to said Institution, and all lands necessary for exercise, agricultural and horticultural purposes and other conveniences, not, however, exceeding two hundred acres shall be exempted from all taxes or rates whatsoever

SEC. 3. Students at the herein named University shall be exempted from all rates and taxes

SEC. 4. This act shall take effect from its passage

Approved, December 9, 1904

NO 349 UNDER ACTS OF 1906

AN ACT TO LIMIT THE TERMS OF OFFICE OF THE TRUSTEES OF NORWICH UNIVERSITY

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1 The board of trustees of Norwich University as constituted by its Charter is hereby divided into groups of five members each according to length of service as follows

First Group	Second Group	Third Group
Henry O Kent	Waldo P Clement	Charles Dole,
George Nichols,	William B Mayo,	John J Dewey
Fred E Smith,	Kittredge Haskins,	Frank L Howe,
Cremille M Dodge,	Frank Plumley,	William S Hazen,
Edwin Porter	Joseph K Elgerton	Isaac P Booth

Fourth Group	Fifth Group
George D Thomas,	John I Moseley,
J Q A McCollister,	William A Shaw,
Oliver O Howard,	Homer White,
Henry V Partridge,	Edward D Adams,
Howard F Hill	Marshall D Smith

SEC 2 The terms of service of these groups shall in their order expire at the opening of the annual meeting in 1907, 1908, 1909, 1910, 1911

SEC 3 The trustees shall be elected to fill the vacancies arising in accordance with section two and their terms of office and the terms of their successors shall be for five years

SEC 4 In case a vacancy arises at any time from causes other than the expiration of the term of office, a trustee shall be elected at the following annual meeting to serve the unexpired term

SEC 5 Elections of trustees shall be by ballot and shall take place at their annual meetings of the board

SEC 6 This act shall take effect from its passage

Approved, November 15 1906

NO 350 OF THE ACTS OF 1906

AN ACT TO AMEND SECTION 1 OF NO 91 OF THE ACTS OF 1866 ENTITLED "AN ACT TO AMEND AN ACT INCORPORATING AND ESTABLISHING THE NORWICH UNIVERSITY AT NORWICH IN WINDSOR COUNTY, PASSED NOVEMBER 6, A D 1834"

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1 Section 1 of No 91 of the Acts of 1866 is hereby amended so as to read as follows, viz

It is hereby further enacted that the trustees aforesaid shall have and exercise the government of said Institution, together with the care and management of all matters and affairs belonging thereto, and shall have power to make and establish all such reasonable and proper laws rules and regulations, as may be necessary for the governing, instructing and educating of the stude

and alter, from time to time as they may see fit, provided the same be not contrary to the constitution and laws of this state or of the United States, and provided also, that no rules, laws or regulations of a sectarian character, either in religion or politics, shall be adopted or imposed, nor shall any student ever be questioned or controlled on account of his religious or political belief by said board or the faculty of said Institution, or any of them, either directly or indirectly, and said laws, rules and regulations shall be laid before the general assembly of this State, whenever required by that body, and may by them be disallowed, altered or repealed

SEC 2 This act shall take effect from its passage

Approved, November 19, 1906.

NO 111 OF THE ACTS OF 1906

AN ACT TO AMEND SECTION 1373 OF THE VERMONT STATUTES RELATING TO NORWICH UNIVERSITY

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1 Section 1373 of the Vermont Statutes is hereby amended so as to read as follows, viz :

SEC 1373 The provisions of the preceding section shall not affect the military organizations formed of the students of Norwich University Said students, upon application of the president of the University and the adjutant-general of the State, may enlist in the militia as a battery of field artillery, a company of signal corps, and a company of engineers, to be properly officered and equipped in accordance with the requirements and provisions and the acts of Congress relating to such organizations The professor of military science and tactics of the University shall, by virtue of his office, be commander of the corps of cadets with rank of major

SEC 2 This act shall take effect from its passage

Approved, November 22, 1906.

NO 327, UNDER ACTS OF 1908

AN ACT TO AMEND NO 124 OF THE ACTS OF 1872 BEING AN ACT TO INCORPORATE THE ALPHA SIGMA PI SOCIETY OF NORWICH UNIVERSITY AND NO 249 OF THE ACTS OF 1898, BEING AN ACT IN ADDITION TO AN ACT TO INCORPORATE THE ALPHA SIGMA PI SOCIETY OF NORWICH UNIVERSITY

It is hereby enacted by the General Assembly of the State of Vermont

SECTION 1 Section 1 of No 124 of the Acts of 1872 is hereby amended so as to read as follows

SEC 1 The present and past members of the Alpha Sigma Pi Society of the Norwich University are hereby constituted a body politic and corporate for the purpose of promoting useful knowledge and of collecting and securing a permanent library and cabinet of art and science, either or both, to be known and distinguished by the name of the Alpha Sigma Pi Fraternity, and by that name shall have permanent succession, may sue and be sued may implead and be impleaded, may contract and be contracted with, may purchase, hold, convey and mortgage real and personal estate, may have a common seal and alter and amend the same at pleasure, may make its own by laws rules and

regulations, may lay and collect taxes and assessments on the resident members of said Fraternity in said University, may have and enjoy all the privileges incident to corporations, and may do all such acts which the good order and interests of said Fraternity may require, provided the same be not repugnant to the Constitution and laws of this State or of the United States

SEC 2 Section 1 of No 249 of the Acts of 1898 is hereby amended so as to read as follows

SEC 1. Said Fraternity shall at its regular meeting of each college year choose two trustees from its active members The past members of said Fraternity shall annually, at such time and place as they may decide, choose three trustees, and these five trustees shall constitute a board hereby empowered to acquire and hold in trust for the use of said Fraternity, any real estate, buildings or other property necessary, or incidental to the purpose for which the said Fraternity was chartered, and in the manner hereinafter provided shall and may, as trustees of the said Fraternity sell, convey or mortgage such real estate or other property when such sale, conveyance or mortgage is for the purposes for which the said Fraternity was chartered Vacancies in the board of trustees shall be filled in the same way as regular members thereof are elected and as soon as possible after such vacancies occur Said trustees shall hold office for one year or until their successors are duly elected It shall be the duty of said trustees to receive and expend for the use, construction or purchase of a fraternity building or hall any sums of money that may be raised or contributed for that purpose, to keep in good repair and condition for use by said Fraternity, the property in their control, so far as they are able so to do with funds or resources placed at their disposal, and when four out of the said five trustees upon due notice and at a meeting formally called and held for the purpose so vote, the said trustees may mortgage such real estate for the purpose of securing loans to aid in the purchase or construction of a building or buildings for the use of said Fraternity, and when said trustees at a meeting similarly called and held shall, by four out of five of the same, so vote, they may sell all or such portions of the real estate as is held by them in trust, as aforesaid, to promote the interests of the Fraternity or the interests of Norwich University, but not otherwise

If at any time said Fraternity shall cease to exist or use its property for its own purpose it shall be the duty of said trustees to transfer to the trustees of Norwich University, its said property, or any sum of money that may be realized from the sale of the same for the use of said University, or if said University shall cease to exist, to make such disposal of said property to the surviving members of the said Fraternity as said board shall deem proper

SEC 3 This act shall take effect from its passage.

Approved, December 8, 1908

SEC 3 OF ACT NO 126 UNDER ACTS OF 1908

AN ACT TO INCREASE THE EFFICIENCY OF THE VERMONT NATIONAL GUARD

It is hereby enacted by the General Assembly of the State of Vermont

SEC 3 For the purpose of securing and retaining the enrollment in the Vermont National Guard of young men of high academic and military training, the president of Norwich University shall award to the organizations of the Vermont National Guard at the rate of not to exceed two to each troop

company or battery, such of the scholarships provided by section 1187 of the Public Statutes as are unfilled on August first of each year, and upon notification that such a scholarship has been awarded to his organization, the commanding officer thereof shall, subject to the approval of the regimental commander, name a member of his command who if qualified, shall be admitted as a cadet at Norwich University, provided such appointee shall retain his rank in his organization and engage to serve therein two years after the date of his graduation from Norwich University unless sooner commissioned or discharged by competent authority and that while he is present as a cadet at Norwich University he shall be credited on the records of his organization for his attendance at the regular drills and assemblies for military instruction at Norwich University and provided, further, that there shall be no added expense to the State on account of the provisions of this section

SEC. 4. Sections 5080 and 5081 of the Public Statutes are hereby repealed.

SEC. 5. This act shall take effect from its passage.

Approved, December 12, 1908.

NUMBER 174

AN ACT TO AMEND SECTIONS 5023, 5047, 5069 AND 5088 OF THE PUBLIC STATUTES, RELATING TO MILITIA.

It is hereby enacted by the General Assembly of the State of Vermont:

SECTION 1. Section 5023 of the Public Statutes is hereby amended so as to read as follows, viz:

SEC. 5023. *Students of Norwich University.* The provisions of the preceding section shall not affect the military organizations formed of the students of Norwich University. Said students upon application of the president of the University and approval of the adjutant general of the State may enlist in the national guard as cavalry, signal corps or engineers, and when so enlisted shall be properly officered, organized and equipped in accordance with the requirements and provisions of the acts of Congress relating to such organizations. The commandant of cadets of said University when not an officer of the United States army, shall be commissioned as major.

SEC. 2. Section 5047 of the Public Statutes is hereby amended so as to read as follows:

SEC. 5047. *Attendance on drills, pay of militiamen, etc.* Said quartermaster general shall attend each company and regimental drill or parade provided for in this chapter, and shall pay each officer and enlisted man for duty performed and authorized by this chapter in accordance with the provisions of the same, under regulations prescribed by the commander-in-chief. He shall furnish subsistence to the enlisted men and shall allow each officer and enlisted man his actual expenses of transportation, subject to such regulations as the commander-in-chief may prescribe. Said quartermaster general is also authorized in his discretion, upon approval of the commander-in-chief, to pay to the Norwich University a sum not exceeding fifteen hundred dollars annually for forage for horses owned by and kept at said University, provided that said University shall, without additional compensation, permit such horses to be used for military purposes, upon request of the governor, by the Vermont national guard, in connection with any camp or school of instruc-

tion for the Vermont national guard or any part thereof either within or without the State The quartermaster general shall make requisition upon the auditor of accounts for the necessary funds to carry out the provisions of this chapter, stating in detail the funds required and for what purpose, and when such requisition is approved by the governor, the auditor of accounts shall draw an order in favor of the quarter-master-general for the sum so approved.

SEC 3 Section 5069 of the Public Statutes is hereby amended so as to read as follows

SEC 5069 *Annual encampment additional parades etc* There shall be held annually an encampment of the national guard for drill, discipline, inspection and review, to continue not more than seven days, at such times and places, subject to such regulations and on such notice as the commander-in-chief directs He may order additional parades by regiment, battalion, squadron or company as he deems advisable, not exceeding three days in each year, at such times and places, subject to such regulations and on such notice as he directs, and whenever it shall appear that the necessities of the military or public service so require, he may designate one or more officers or enlisted men, or both for the performance of such special duty as the necessity of the case may demand

SEC 4 Section 5088 of the Public Statutes is hereby amended so as to read as follows

SEC 5088 *Pay of national guard* Officers of the national guard shall receive the same pay as officers of a like grade in the army of the United States First sergeant shall receive two dollars and twenty-five cents a day sergeants and cooks two dollars a day, corporals one dollar and seventy-five cents a day, and privates, one dollar and fifty cents a day Mounted officers shall receive forage for their horses in addition to the pay of their rank The chief surgeon, the aide-de-camp, and the judge advocate, appointed and elected under the provisions of section 5025 of the Public Statutes, as amended by No 124 Acts of 1908, shall, when ordered out by the commander-in-chief, be paid two dollars a day and transportation Regimental non-commissioned staff shall be paid as first sergeants and regimental non-commissioned officers and battalion non-commissioned staff shall be paid as sergeants Officers shall be furnished with quarters when in camp and mounted officers shall be furnished with transportation for their horses when the distance to the rendezvous exceeds twenty-five miles Enlisted men shall be furnished with subsistence at a cost not to exceed fifty cents a day per man

SEC 5 This act shall take effect from its passage with the exception of section 1 Section 1 shall take effect January first 1911

Approved, December 7, 1910

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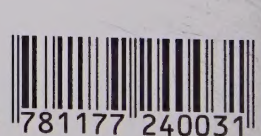

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